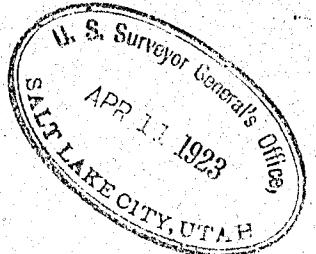


Volume

#

R0459

BOOK A-459



FIELD NOTES

OF THE SURVEY OF THE

RESURVEY AND SURVEY OF THE EAST BOUNDARY, SURVEY OF THE NORTH, SOUTH
AND WEST BOUNDARIES AND SUBDIVISION

OF

T. 7 S., R. 13 W.

Of the Salt Lake Base and Meridian,

In the State of Utah

EXECUTED BY

Howard W Miller

Cadastral Engineer
In the capacity of U. S. Surveyor, under instructions dated March 4, 1921,
issued by the United States Surveyor General to govern surveys included in
Group No. 104, which were approved by the Commissioner of the General Land
Office, March 25, 1921. And assignment instructions dated
May 12, 1922.

Survey commenced May 20, 1922.

Survey completed June 8, 1922.

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INDEX DIAGRAM.

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T. 7 S., R. 13 W.

DATE DIAGRAM OF T. 7 S., R. 13 W.

6-8-22	6-7-22	6-6-22	6-5-22	6-3-22	6-3-22
6-8-22	6-7-22	6-6-22	6-5-22	6-3-22	1
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Survey commenced May 20, 1922, and executed with a Buff and Buff transit, No. 8964; equipped with a full vertical circle and a Smith solar attachment. Unless otherwise specified, all azimuth determinations are accomplished with the solar attachment.

The instrument was approved for use on this survey by the Assistant Supervisor of Surveys for district No. 6, conditional upon satisfactory field tests in assignment instructions dated May 12, 1922.

I examine the adjustments of the instrument and correct the level and collimation errors; then, to test the

T. 7 S., R. 13 W.

solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observation made on Polaris, I proceed as follows.

May 21, 1922; at my station in the SW. quarter of sec. 34, T. 7 S., R. 13 W., Salt Lake Base and Meridian, Utah; approximate latitude $40^{\circ}10'$ N., longitude, $113^{\circ}18'$ W.; I make an hour angle observation on Polaris west of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from Polaris to a flag, about 20.00 chs. in a northeasterly direction.

L. m. t., of observation = 7h 13m 24s p. m.

Mean horizontal angle from Polaris to flag = N. $73^{\circ}41'$ E.

Azimuth of Polaris = $0^{\circ}49'$ W.

True bearing of flag = N. $72^{\circ}52'$ E.

May 22, 1922; with the instrument in the meridian, I set off $40^{\circ}10'$ N., on the latitude arc; $20^{\circ}20'$ N., on the declination arc; and at 10h 00m app. t., I determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, I make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's upper limb, and the transit of the sun's west limb, reversing the telescope and observing simultaneously, the altitude of the sun's lower limb, and the transit of the sun's east limb.

Mean observed altitude	$69^{\circ}46'20''$
Reduced latitude	$40^{\circ}10'$ N.
Mean watch time of observation	12h30m13s
Watch fast of l. m. t.	0h33m47s

At app. noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be $20^{\circ}21'$ N., which agrees with the computed declination of the sun.

At 4h 00m app. t., with the instrument in the meridian and the latitude arc unchanged, I set off $20^{\circ} 23'$ N., on the declination arc, and determine a meridian with the solar which I find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, I conclude that the adjustment of the instrument is satisfactory.

The instrument was kept in good adjustment throughout the progress of this survey, frequent tests being made on the meridian determined by observations on Polaris.

At the completion of the survey of this township, I make a final test of the instrument as follows.

June 8, 1922; with the instrument in the meridian determined by observations made on Polaris, heretofore described, I set off $40^{\circ}10'$ N., on the latitude arc; $22^{\circ} 50'$ N., on the declination arc; and at 8h 30m a.m. app. t., I determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc, to be $22^{\circ} 50'$ N., which agrees with the computed declination of the sun.

At 3h 30m p.m. app. t., with the instrument in the meridian and the latitude arc unchanged, I set off $22^{\circ} 51'$ N., on the declination arc, and determine a meridian with the solar which I find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, I conclude that the instrument is in satisfactory adjustment.

RETRACEMENT OF THE EAST BOUNDARY OF T. 7 S., R. 13 W.

MEASUREMENTS.

Unless otherwise specified all measurements are made with Lallie steel tapes 5 chs. in length compared with a Lufkin standard steel tape 1 ch. in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

RETRACEMENT OF THE EAST BOUNDARY OF T. 7 S., R. 13 W.

From the cor. of Ts. 7 and 8 S., Rs. 12 and 13 W., which is a granite stone, 10 x 8 x 4 ins., above ground, firmly set, marks disintegrated, witnessed by four plain pits, N., E., S. and W. of cor.; alongside of which. Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of Ts. 7 and 8 S., Rs. 12 and 13 W., with brass cap marked.

T7S	R13W	R12W
S36	S31	

S1	S6
----	----

T8S
1922

Dig pits, 18 x 18 x 12 ins., on line, N., E., S. and W. of cor. 3 ft. dist.

From this cor., a lone peak on Granite Mountains, bears S. $83^{\circ}33' W.$.

Thence,

North, on a retracement line bet. secs. 31 and 36.

40.00 Find no trace of the $\frac{1}{4}$ sec. cor.

Continue on same line with continuous measurement.

80.52 Fall 33 lks. E. of the cor. of secs. 25, 30, 31 and 36, hereinafter described.

The bearing of this mile therefore, is N. $0^{\circ}14' W.$, and the proportionate dist. for each half mile is 40.26 chs.

RETRACEMENT OF THE EAST BOUNDARY OF T. 7 S., R. 13 W.

Chains.

- North, on retracement line bet. secs. 25 and 30.
- 40.18 Fall 20 lks. E. of the $\frac{1}{4}$ sec. cor., hereinafter described.
The bearing of this half mile therefore, is N. $0^{\circ}17'$ W.,
and the dist. is 40.18 chs.
Continue on same line with continuous measurement.
- 80.35 Fall 36 lks. E. of the cor. of secs. 19, 24, 25 and 30,
hereinafter described.
The bearing of this half mile therefore, is N. $0^{\circ}14'$ W.,
and the dist. is 40.17 chs.
-
- North, on a retracement line bet. secs. 19 and 24.
- 40.28 Fall 15 lks. E. of the $\frac{1}{4}$ sec. cor., hereinafter described.
The bearing of this half mile therefore, is N. $0^{\circ}13'$ W.,
and the dist. is 40.28 chs.
Continue on same line with continuous measurement.
- 80.61 Fall 37 lks. E. of the cor. of secs. 13, 18, 19 and 24,
hereinafter described.
The bearing of this half mile therefore, is N. $0^{\circ}19'$ W.,
and the dist. is 40.33 chs.
-
- North, on a retracement line bet. secs. 13 and 18.
- 40.52 Fall 6 lks. E. of the $\frac{1}{4}$ sec. cor., hereinafter described.
The bearing of this half mile therefore, is N. $0^{\circ}05'$ W.,
and the dist. is 40.52 chs.
Continue on same line with continuous measurement.
- 81.04 Fall 21 lks. E. of the cor. of secs. 7, 12, 13 and 18,
hereinafter described.
The bearing of this half mile therefore, is N. $0^{\circ}13'$ W.,
and the dist. is 40.52 chs.

RESURVEY OF THE EAST BOUNDARY OF T. 7 S., R. 13 W.

Chains

- From the cor. of Ts. 7 and 8 S., Rs. 12 and 13 W.
N. $0^{\circ}14'$ W., on a resurvey line along the W. bdy. of sec. 31.
- Over level desert land through scattering undergrowth of shadscale.
- 32.50 Old road, bears E. and W.
- 40.00 Point northing of 40.00 chs. from the township cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 36, with brass cap marked.
- $\frac{1}{4}$ S36
- 1922
- Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
- 40.26 Proportionate measurement.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 31, with brass cap marked.
- $\frac{1}{4}$ S31
- 1922
- Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
- 41.40 The Lincoln Highway, bears E. and W.
- 80.00 Northing of 40.00 chs. from the $\frac{1}{4}$ sec. cor. sec. 36. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25 and 36, with brass cap marked.
- T7S | T7S
S25 |
-----| R12W
S36 |
R13W | S31
- 1922
- Dig pits, 18 x 18 x 12 ins., SW. and NW. of cor., 3 ft. dist.
- 80.52 The original cor. for secs. 25, 30, 31 and 36, which is a granite stone, 16, x 10 x 3 ins., lying on the ground, marked with 1 notch on S. edge and 5 notches on N. edge, unwitnessed; alongside of which.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 30 and 31, with brass cap marked.

RESURVEY OF THE EAST BOUNDARY OF T. 7 S., R. 13 W.

Chains				dist. to
33.80	... sec. 300 .sec. 1 and sec. 25 to T7S. S30	T7S	0°.04 to midline	SW. cor.
39.48	... sec. 300 .sec. 1 and sec. 25 to R13W. S31	R13W	... sec. 300 now as del. S31	
40.18	... sec. 300 .sec. 1 and sec. 25 to S25	S25	R12W sec. 300 boundary	
			1922	Bowlman
	Dig pits, 18 x 18 x 12 ins., NE. and SE. of cor., 3 ft. dist.			
33.80	Land, level desert.			
39.48	Soil, deep heavy clay.			
40.18	Undergrowth, scattering shadscale.			
	No timber.			
	Poor grazing.			
	no timber or shrub, no undergrowth, no grazing, no timber which N. 0°17' W., on a resurvey line along the W. bdy. of sec. 30.			
33.80	Road, bears NE. and SW.			Bowlman
39.48	North of 40.00 chs. from the cor. of secs. 25 and 36.			
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 25, with brass cap marked.			
	... sec. 300 .sec. 1 and sec. 25 to S25	S25		
			1922	
	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.			
40.18	The original $\frac{1}{4}$ sec. cor., for secs. 25 and 30, which is a granite stone, 12 x 10 x 4 ins., lying on the ground, dimly marked $\frac{1}{4}$ on top face, unwitnessed; alongside of which.			
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 30, with brass cap marked.			
	... sec. 300 .sec. 1 and sec. 25 to S30	S30		
			1922	
	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.			
	Thence, N. 0°14' W., with continuous measurement.			

RESURVEY OF THE EAST BOUNDARY OF T. 7 S., R. 13 W.

Chains

- 79.48 Northing of 40.00 chs. from the $\frac{1}{2}$ sec. cor. sec. 25.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 24 and 25, with brass cap marked.

T7S	T7S
S24	
	R12W
S25	
R13W	S30

1922

- Dig pits, 18 x 18 x 12 ins., SW. and NW. of cor., 3 ft. dist.

- 80.35 The original cor. of secs. 19, 24, 25 and 30, which is a granite stone, 10 x 8 x 3 ins. above ground, firmly set, dimly marked with 4 notches on N. edge and 2 notches on S. edge, unwitnessed; alongside of which.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19 and 30, with brass cap marked.

T7S	T7S
S19	
R13W	
S30	

1922

- Dig pits, 18 x 18 x 12 ins., NE. and SE. of cor., 3 ft. dist.

Land, level desert.

Soil, deep heavy clay.

Undergrowth, scattering shadscale.

No timber.

Poor grazing.

N. $0^{\circ}13'$ W., on a resurvey line along the W. bdy. of sec. 13. Over level desert land through scattering undergrowth of shadscale and greasewood.

- 33.13 Northing of 40.00 chs. from the cor. of secs. 24 and 25.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor. sec. 24, with brass cap marked.

RESURVEY OF THE EAST BOUNDARY OF T. 7 S., R. 13 W.

Chains

 $\frac{1}{4}$ S24

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

40.28 The original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a granite stone, 8 x 8 x 4 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, unwitnessed. I change the $\frac{1}{4}$ from the W. to the E. and reestablish cor. as follows. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, alongside old cor., for $\frac{1}{4}$ sec. cor. sec. 19, with brass cap marked.

 $\frac{1}{4}$ S19

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

Thence, N. $0^{\circ}19'$ W., with continuous measurement.

79.13 Northing of 40,00 chs. from the $\frac{1}{4}$ sec. cor. sec. 24. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13 and 24, with brass cap marked.

T7S	T7S
S13	R12W
S24	
R13W	S19

1922

Dig pits, 18 x 18 x 12 ins., SW. and NW. of cor., 3 ft. dist.

80.61 The original cor. of secs. 13, 18, 19 and 24, which is a granite, 18 x 8 x 4 ins., lying on the ground, marked with 3 notches on N. and S. edges, unwitnessed; alongside of which. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 18 and 19, with brass cap marked.

RESURVEY OF THE EAST BOUNDARY OF T. 7 S., R. 13 W.

Chains

T7S	T7S
S18	
R13W	
S19	
S13	R12W

1922

Dig pits, 18 x 18 x 12 ins., NE. and SE. of cor., 3 ft. dist.
 Land, level desert.
 Soil, deep heavy clay.
 Undergrowth, scattering shadscale and greasewood.
 No timber.
 Poor grazing.

N. $0^{\circ}05'$ W., on a resurvey line along the W. bdy. sec. 18.
 Over level desert land through scattering undergrowth of shadscale and greasewood.

38.52 Northing of 40,00 chs. from the cor. of secs. 13 and 24.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 13, with brass cap marked.

 $\frac{1}{4}$ S13

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

40.52 The original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is a granite stone, 10 x 8 x 3 ins., lying on the ground, dimly marked $\frac{1}{4}$ on top face, unwitnessed; alongside of which.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 18, with brass cap marked.

 $\frac{1}{4}$ S18

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
 Thence,

N. $0^{\circ}15'$ W., with continuous measurement:

SURVEY OF THE EAST BOUNDARY OF T. 7 S., R. 13 W.

Chains

- 78.52 Northing of 40,00 chs. from the $\frac{1}{4}$ sec. cor. sec. 13.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 12 and 13, with brass cap marked.

T7S	T7S
S12	
	R12W
S13	
	R13W
	S18

1922

Dig pits, 18 x 18 x 12 ins., SW. and NW. of post, 3 ft. dist.

- 81.04 The original cor. of secs. 7, 12, 13 and 18, which is a granite stone, 12 x 8 x 3 ins., lying on the ground, dimly marked with 2 notches and 4 notches on opposite edges, unwitnessed; alongside of which.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7 and 18, with brass cap marked.

T7S	T7S
	S7
R13W	
	S18
S12	R12W

1922

Dig pits, 18 x 18 x 12 ins., NE. and SE. of cor., 3 ft. dist.

Land, level desert.

Soil, deep heavy clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

SURVEY OF THE EAST BOUNDARY OF T. 7 S., R. 13 W.

From the cor. of secs. 7 and 18, T. 7 S., R. 12 W.

North, betw. secs. 7 and 12.

Over level desert land through scattering undergrowth of shadscale and greasewood.

SURVEY OF THE EAST BOUNDARY OF T. 7 S., R. 13 W.

Chains

- 37.48 Northing of 40.00 chs. from the cor. of secs. 12 and 13.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., sec. 12, with brass cap marked.

 $\frac{1}{2}$ S12

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

57.50 Old road, bears E. and W.

60.00 Enter rolling sand hills, bears E. and W..

65.70 Top of sand ridge, 30 ft. high, bears E. and W.

77.48 At base of sand ridge.

- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1 and 12, with brass cap marked.

T7S	T7S
S1	.

S12	R12W
R13W	S7

1922

Dig pits, 18 x 18 x 12 ins., SW. and NW. of cor., 3 ft. dist.

Land, level desert on S., portion of mile, rolling sand hills on N. portion.

Soil, deep heavy clay on S. portion of mile, deep sandy loam on N. portion.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

North, bet. secs. 1 and 16.

Over rolling land through scattering undergrowth of shadscale and greasewood.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor. sec. 1, with brass cap marked.

 $\frac{1}{2}$ S1

1922

SURVEY OF THE SOUTH BOUNDARY OF T. 7 S., R. 13 W.

Chains	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
80.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of Ts. 7 S., Rs. 12 and 13 W., with brass cap marked.
	T6S R13W S36
	R12W S31
	S1 S6
	T7S
	1922
	Dig pits, 18 x 18 x 12 ins., N., E., S. and W. of cor., 3 ft. dist.
	Land, rolling sand and clay hills.
	Soil, deep sand and clay loam.
	Undergrowth, scattering shadscale and greasewood.
	No timber.
	Poor grazing.

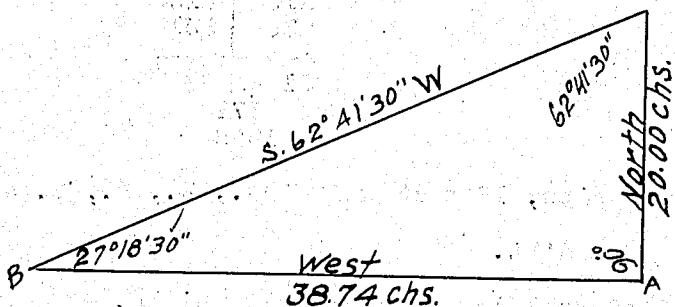
SURVEY OF THE SOUTH BOUNDARY OF T. 7 S., R. 13 W.

From the cor. of Ts. 7 and 8 S., Rs. 12 and 13 W.	
West, bet. secs. 1 and 36.	
Over level desert land through scattering undergrowth of shadscale and greasewood.	
39.40	Old road, bears SE. and NW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	S36
	S1
	1922
Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.	
47.20	Base of Granite Mountains, bears S. 10° E. and N. 10° W.
Inaccessible ledges make chain to the W. of this point impracticable, I therefore determine the dist. to top of ledges by triangulation as follows.	

SURVEY OF THE SOUTH BOUNDARY OF T. 7 S., R. 13 W.

Chains

Erect flag "A" at the $\frac{1}{4}$ sec. cor., and flag "B" on line W. at top of ledges. From flag "A", measure a base line N., 20.00 chs. dist., from which point, flag "B", bears S. $62^{\circ}41'30''$ W. All bearings checked by direct reading of the solar and all angles checked by deflection.



Dist. on line	40.00 chs.
Dist. by triangulation	38.74 chs.
	<u>78.74 chs.</u>
Dist. by return measurement	.15 chs.
	<u>78.59 chs.</u>

78.59 As the true point for the sec. cor. will fall in ledges where a permanent cor. cannot be set; at this point, on top of high spur, from Granite Mountains, projects N., 600 ft. above base of mountains.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the cor. of secs. 1, 2, 35 and 36, with brass cap marked.

T7S	R13W
S35	S36
WC	
S2	S1
T8S	
1922	

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

78.74 To point of triangulation; thence descend abrupt W. slope of spur, over broken granite ledges.

80.00 Point for cor. of secs. 1, 2, 35 and 36, falls in ledges, no cor. set.

Land, rolling desert on E. portion of mile, broken and mountainous with a general easterly exposure and drainage on W. portion.

Soil, deep heavy clay on E. portion of mile, shallow clay mixed with loose granite stone on W. portion.

SURVEY OF THE SOUTH BOUNDARY OF T. 7 S., R. 13 W.

Chains	
	Undergrowth, scattering shadscale and greasewood.
	No timber.
	Poor grazing.
	West, bet. secs. 2 and 35, counting distances from the true point for cor. of secs. 1, 2, 35 and 36.
	Descend abruptly over broken land through scattering undergrowth of shadscale and greasewood.
2.60	Ravine, 240 ft. below the witness cor. to the cor. of secs. 1, 2, 35 and 36, drains N. 20° W.; ascend abruptly.
8.60	Rocky spur, 130 ft. above ravine, projects N.; descend abruptly.
28.50	Enter bottom of canyon, bears N. and S.; thence over rolling bottom of canyon.
29.80	Wash in bottom of canyon, 10 lks. wide, 4 ft. deep, 760 ft. below spur, drains N. 60° E.; continue over rolling bottom of canyon.
34.80	Old road, bears N. 60° E. and S.
35.70	Wash, 10 lks. wide, 4 ft. deep, on W. side of canyon, drains N.; leave bottom of canyon and ascend abruptly.
40.00	On steep E. slope, 30 ft. above canyon. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	S35 ✓
	$\frac{1}{4}$ sec. cor., with brass cap marked.
	S2
	1922
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
48.60	Spur, 400 ft. above canyon, projects N.; descend abruptly. From this point, an old tent house, owner unknown, bears N. $10^{\circ}12'$ W. An old rock house, owner unknown, bears N. $14^{\circ}15'$ W.
53.10	Ravine, 190 ft. below spur, drains N.; ascend abruptly.
63.40	Spur, 330 ft. above ravine, projects N.; descend abruptly. From this point, an old tent house, owner unknown, bears

SURVEY OF THE SOUTH BOUNDARY OF T. 7 S., R. 13 W.

Chains	
	N. $22^{\circ}34'$ E. An old rock house, owner unknown, bears N. 48° E. A tent house, owner unknown, bears N. $53^{\circ}30'W$. A water tank from Cove Springs, bears N. $60^{\circ}45'W$.
75.80	Ravine, 460 ft. below spur, drains N.; ascend abruptly.
80.00	On steep E. slope, 20 ft. above ravine. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked.
	T7S | R13W S34 | S35 ---+--- S3 | S2 T8S | 1922
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, broken by granite ledges with a general northerly exposure and drainage.
	Soil, shallow clay, mixed with loose granite.
	Undergrowth, scattering shadscale and greasewood.
	No timber.
	Poor grazing.
	West, bet. secs. 3 and 34.
	Ascend abruptly over broken granite ledges through scattering undergrowth of shadscale and greasewood.
2.00	Trail, bears SE. and NW.
3.70	Rocky spur, 100 ft. above cor., projects N.; descend abruptly.
10.70	Enter rolling bottom of canyon, bears N. and S.
14.40	Old road, bears NE. and SW.
20.80	Draw in bottom of canyon, 220 ft. below spur, drains N.; continue over rolling bottom of canyon.
31.80	Road, bears N. and S.
31.83	A 2 ins. pipe line, flows N., about $\frac{1}{2}$ mile dist.
35.00	Leave bottom of canyon, bears N. and S.; ascend abruptly over granite ledges.
40.00	On steep E. slope, 100 ft. above canyon. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

SURVEY OF THE SOUTH BOUNDARY OF T. 7 S., R. 13 W.

Chains

ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S34 ✓

 $\frac{1}{4}$ S3

1922

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.51.60 Spur, 360 ft. above the $\frac{1}{4}$ sec. cor., projects N., about $\frac{1}{2}$ mile dist.; descend abruptly.

66.40 Ravine, 530 ft. below spur, drains N.; ascend abruptly.

74.70 Spur, 200 ft. above ravine, projects N.; descend abruptly.

78.60 Gulch, 100 ft. below spur, drains N.; ascend abruptly.

80.00 On steep E. slope, 40 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked.

T7S | R13W

S33 | S34 ✓

S4 | S3

1922

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, broken by granite ledges, with a general northerly exposure and drainage.

Soil, shallow clay, mixed with loose granite.

Undergrowth, scattering shadscale and greasewood.

Poor grazing.

West, bet. secs. 4 and 33.

Ascend abruptly over broken land through scattering undergrowth of shadscale and greasewood.

1.40 Spur, 40 ft. above cor., projects N., about 3.00 chs. dist.; descend abrupt W. slope.

12.80 Leave Granite Mountains, 200 ft. below spur, bears NE. and SW.; thence over level desert land.

40.00 Set an iron post, 3 ft. long, 1 ins. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

SURVEY OF THE SOUTH BOUNDARY OF T. 7 S., R. 13 W.

Chains		S33	/
		$\frac{1}{4}$	—
		S4	
		1922	/
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.		
78.00	The Lincoln Highway, bears N. 35° E. and S. 35° W.		
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked.		
	T7S | R13W		
	S32 | S33		
	S5 | S4		
	T8S		
	1922		
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.		
	Land, broken by granite ledges on E. portion with a general westerly exposure and drainage; level desert land on W. portion.		
	Soil, deep heavy clay, on W. portion of mile, shallow clay mixed with loose granite stone on E. portion.		
	Undergrowth, scattering shadscale and sagebrush.		
	No timber.		
	Poor grazing.		
	West, bet. secs. 5 and 32.		
	Over level desert land through scattering undergrowth of shadscale and greasewood.		
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.		
	S32		
	$\frac{1}{4}$		
	S5		
	1922		
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.		
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked.		

SURVEY OF THE SOUTH BOUNDARY OF T. 7 S., R. 13 W.

Chains

T7S	R13W
S31	S32

1922. Digging location same as above, except
T8S
1922.

- Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of post, cor., 3 ft. dist.
- Land, level desert.
- Soil, deep heavy clay.
- Undergrowth, scattering shadscale and greasewood.
- No timber.
- Poor grazing.

West, bet. secs. 6 and 31.

Ascend gradually over rolling sand hills through scattering undergrowth.

- 5.20 Top of rolling sand hills, bears S. about 5.00 chs. dist., thence SW. and N., about 5.00 chs. dist., thence NW.
- 24.00 Leave sand hills, bears NE. and SW.; thence over level alkali flat.

- 40.00 On alkali flat.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

- 78.17 S31 ✓
S6
1922
Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
On alkali flat, allowing for convergency.
Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of Ts. 7 and 8 S., Rs. 13 and 14 W., with brass cap marked.

T7S	R13W
R14W	R13W
S36	S31
S1	S6

T8S
1922

- Dig pits, 18 x 18 x 12 ins., N., E., S. and W. of cor., 3 ft. dist.

SURVEY OF THE WEST BOUNDARY OF T. 7 S., R. 13 W.

Chains

Land, rolling sand hills on E. portion of mile, level alkali flat on W. portion.

Soil, deep sandy loam on east portion of mile, deep heavy clay on W. portion.

Undergrowth; scattering shadscale and greasewood.

No timber.

Poor grazing.

SURVEY OF THE WEST BOUNDARY OF T. 7 S., R. 13 W.

From the cor. of Ts. 7 and 8 S., Rs. 13 and 14 W.

North, bet. secs. 31 and 36.

Over level alkali flat through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S36	S31
-----	-----

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

72.00 Top of clay knoll, bears E., about 2.00 chs. dist. and NW., about 8.00 chs. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked.

T7S	
R14W	R13W
S25	S30
S36	S31

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level alkali flat.

Soil, deep heavy clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

SURVEY OF THE WEST BOUNDARY OF T. 7 S., R. 13 W.

	Chains	
		✓
		North, bet. secs. 25 and 30.
		Over level alkali flat through scattering undergrowth.
40.00		Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
		$\frac{1}{4}$
		S25 S30
		1922
		Soil, heavy clay.
		Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
80.00		Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked.
		T7S
		R14W R13W
		S24 S19 ✓
		S25 S30
		1922
		Land, level alkali flat.
		Soil, deep heavy clay.
		Undergrowth, scattering shadscale and greasewood.
		No timber.
		Poor grazing.
		✓
		North, bet. secs. 19 and 24.
		Over level alkali flat through scattering undergrowth.
40.00		Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
		$\frac{1}{4}$
		S24 S19
		1922
		Deposit a one quart glass jar at base of monument for a memorial.
		Pits impracticable.
80.00		Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked.

SURVEY OF THE WEST BOUNDARY OF T. 7 S., R. 13 W.

Chains

T7S

R14W	R13W
S13	S18

S24	S19
-----	-----

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level alkali flat.

Soil, deep heavy clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

North, bet. secs. 13 and 18.

Over level alkali flat through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$	
S13	S18

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked.

T7S

R14W	R13W
S12	S7

S13	S18
-----	-----

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level alkali flat.

Soil, deep heavy clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

SURVEY OF THE WEST BOUNDARY OF T. 7 S., R. 13 W.

Chains

North, bet. secs. 7 and 12.

Over level alkali flat through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S12 | S7

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked.

T7S.
R14W R13W
S1 S6

S12 | S7

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level alkali flat.

Soil, deep heavy clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

North, bet. secs. 1 and 6.

Over level alkali flat through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S1 | S6

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for cor. of Ts. 6 and 7 S., Rs. 13 and 14 W., with brass cap marked.

SURVEY OF THE NORTH BOUNDARY OF T. 7 S., R. 13 W.

Chains

T6S	
R14W	R13W
S36	S31
S1	S6
	T7S
	1322.

Dig pits, 18 x 18 x 12 ins., N., E., S. and W. of cor., 3 ft. dist.

Land, level alkali flat.

Soil, deep heavy clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

SURVEY OF THE NORTH BOUNDARY OF T. 7 S., R. 13 W.

From the cor. of Ts. 6 and 7 S., Rs. 12 and 13 W., West on random line along the N. bdy. of the township, setting temp points at intervals of 40.00 chs. and 80.00 chs., and at:

476.71 Intersect the W. bdy. of the township, 13 lks. S. of the cor. of Ts. 6 and 7 S., Rs. 13 and 14 W. The bearing of this bdy., therefore, is S. $89^{\circ}59'$ E., and the dist. is 476.71 chs.

Thence,

From the cor. of Ts. 6 and 7, S., Rs. 13 and 14 W., S. $89^{\circ}59'$ E., on true line bet. secs. 6 and 31. Over level alkali flat through scattering undergrowth.

36.71 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S31
—
 $\frac{1}{4}$
S6

1322

Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

76.71 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked.

SURVEY OF THE NORTH BOUNDARY OF T. 7 S., R. 13 W.

Chains	
	T6S | R13W S31 | S32
	S6 | S5
	T7S | 3, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.
	Land, level alkali flat.
	Soil, deep heavy clay.
	Undergrowth, scattering shadscale and greasewood.
	No timber.
	Poor grazing.
	S. 89°59' E., bet. secs. 5 and 32.
	Over level alkali flat through scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	S32 ✓ $\frac{1}{4}$ ————— S5
	1922 .
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked.
	T6S | R13W S32 | S33 ✓
	S5 | S4
	T7S | 3, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.
	Land, level alkali flat.
	Soil, deep heavy clay.
	Undergrowth, scattering shadscale and greasewood.
	No timber.
	Poor grazing.

SURVEY OF THE NORTH BOUNDARY OF T. 7 S., R. 13 W.

Chains.

S. $89^{\circ}53'$ E., bet. secs. 4 and 33.

Over level alkali flat through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S33

 $\frac{1}{4}$

S4

1922

Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

As the pits to this cor., may be obliterated, I deposit 22 small pebbles at base of monument as a memorial.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked.

T6S | R13W

.S33 | S34 ✓

S4 | S3

T7S

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level alkali flat.

Soil, deep heavy clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

S. $89^{\circ}53'$ E., bet. secs. 3 and 34.

Over level alkali flat through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S34 ✓

 $\frac{1}{4}$

S3

1922

Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked.

SURVEY OF THE NORTH BOUNDARY OF T. 7 S., R. 13 W.

Chains

T6S | R13W

S34 | S35 /

S3 | S2

T7S

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor.,

3 ft. dist.

Land, level alkali flat.

Soil, deep clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

S. $89^{\circ}59'$ E., bet. secs. 2 and 35.

Over level alkali flat through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S35 /

 $\frac{1}{4}$

S2

1922

Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

As the pits to this cor., may be obliterated, I deposit 37 small pebbles at base of monument for a memorial.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked.

T6S | R13W

S35 | S36 /

S2 | S1

T7S

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level alkali flat.

Soil, deep heavy clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

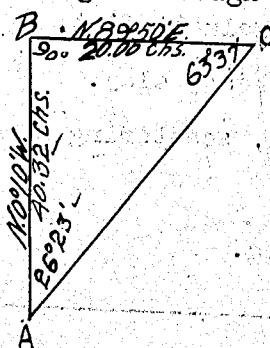
Poor grazing.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains	
	S. $89^{\circ}59'$ E., bet. secs. 1 and 36.
40.00	Over level alkali flat through scattering undergrowth.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	S36 $\frac{1}{4}$ S1 1922
80.00	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
	The cor. of Ts. 6 and 7 S., Rs. 12 and 13 W.
	Land, level alkali flat.
	Soil, deep heavy clay.
	Undergrowth, scattering shadscale and greasewood.
	No timber.
	Poor grazing.

SUBDIVISION OF T. 7 S., R. 13 W.

It being impossible to project a line to the N., from the true point for cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township, owing to inaccessible ledges, I proceed as follows. From a point, E., 1.26 chs. N. of the true cor. point, I erect flag "A", and flag "B", N. $0^{\circ}10'$ W., which is parallel to the mean bearing of the E. bdy. of the township, at base of the Granite Mountains. From flag "B", measure a base line, N. $89^{\circ}50'$ E., 20.00 chs. dist., and erect flag "C". From flag "C", flag "A" subtends an angle of $63^{\circ}37'$ from flag "B". All bearing checked by direct reading of the solar and all angles checked by deflection. This portion of mile passes over inaccessible granite ledges through scattering undergrowth.



SUBDIVISION OF T. 7 S., R. 13 W.

Chains	
	Distance by triangulation 40.32 chs.
	Distance by return measurement 40.32 chs.
	40.00 chs.
	From the 40.00 chs. on offset line, measure W., 1.26 chs.
	dist. to: 40.00 chs. + 1.26 chs. = 41.26 chs.
40.00	Point on true line near base of Granite Mountains, 600 ft. below true point for the cor. of secs. 1, 2, 35 and 36. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	1922
	From which,
	A point on a ledge, bears S. $8^{\circ}9'$ E., 609 lks. dist., marked X BO S36
	A point on a ledge, bears S. $19^{\circ}43'$ W., 588 lks. dist., marked X BO S35
40.70	Old road, bears SE. and NW.
40.90	Base of Granite Mountains, 10 ft. below the $\frac{1}{4}$ sec. cor., bears W., and E., 5.00 chs. dist., thence S.; thence over level desert land.
45.20	The Lincoln Highway, (new road), bears E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap marked.
	T7S | R13W / S26 | S25 -----|----- S35 | S36
	1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.
	Land, broken by granite ledges with a general northerly exposure and drainage on S. portion of mile, level desert land on N. portion.
	Soil, shallow clay mixed with loose granite stone on S. portion of mile, deep heavy clay on N. portion.

SUBDIVISION OF T. 7 S., R. 13 W.

	Chains	Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing.
40.00		East, on random line bet. secs. 25 and 36. Set temp. $\frac{1}{4}$ sec. cor. Open side facing S. of the cor. of secs. 25 and 36.
79.88		Intersect. the E. bdy. of the township, 3 lks. S. of the cor. of secs. 25 and 36. Thence, S. $89^{\circ}59'$ W., on true line bet. secs. 25 and 36. Over level desert land through scattering undergrowth.
39.94		Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
		1922 no station S25 $\frac{1}{4}$ S36
79.88		Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist. The cor. of secs. 25, 26, 35 and 36. Land, level desert. Soil, deep heavy clay. Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing.
1.80 40.00		N. $0^{\circ}10'$ W., bet. secs. 25 and 26. Over level desert land through scattering undergrowth. Road, bears NE. and SW. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
		$\frac{1}{4}$ S26 S25 1922
80.00		Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, with brass cap marked.

SUBDIVISION OF T. 7 S., R. 13 W.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains	N. $0^{\circ}10'$ W., bet. secs. 23 and 24. Over level desert land through scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S23 S24 1922
80.00	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap marked.
	T7S R13W S14 S13 S23 S24 1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.
	Land, level desert.
	Soil, deep heavy clay.
	Undergrowth, scattering shadscale and greasewood.
	No timber.
	Poor grazing.
40.00	East, on random line bet. secs. 13 and 24. Set temp. $\frac{1}{4}$ sec. cor..
79.60	Intersect the E. bdy. of the township, 5 lks. N. of the cor. of secs. 13 and 24.
	Thence,
	N. $89^{\circ}58'$ W., on true line bet. secs. 13 and 24.
	Over level desert through scattering undergrowth.
39.80	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S13 ✓ S24 1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains	
79.60	The cor. of secs. 13, 14, 23 and 24. Land, level desert. Soil, deep heavy clay. Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing.
	N. $0^{\circ}10'$ W., bet. secs. 13 and 14. Over level desert through scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S14 S13 1922
80.00	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap marked.
	T7S R13W S11 S12 --- S14 S13 1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist. Land, level desert. Soil, deep heavy clay. Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing.
	S. $89^{\circ}58'$ E., on random line bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.52	Intersect the E. bdy. of the township, 5 lks. N. of the cor. of secs. 12 and 13. Thence, N. $89^{\circ}56'$ W., on true line bet. secs. 12 and 13.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains

Over level desert through scattering undergrowth.

39.76 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
$$\begin{array}{c} \text{S12} \\ \frac{1}{4} \\ \text{S13} \end{array}$$

1922

Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

79.52 The cor. of secs. 11, 12, 13 and 14,

Land, level desert.

Soil, deep heavy clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

N. 0°10' W., bet. secs. 11 and 12.

Over level desert land through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
$$\begin{array}{c} \text{S12} \\ \frac{1}{4} \\ \text{S13} \end{array}$$

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

56.00 Leave level desert and enter low rolling hills, bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap marked.

T7S	R13W
S2	S1
<hr/>	
S11	S12

Deposit 7 pieces of glass at base of monument for a memorial.

Pits impracticable.

Land, level desert on S. portion of mile, rolling hills on N. portion.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains

S. 89° 52' E.

Soil, deep heavy clay on S. portion of mile, deep loose sand on N. portion.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

Soil, deep loamy S. 89° 56' E., on random line bet. secs. 1 and 12.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect the E. bdy. of the township, 10 lks. N. of the cor. of secs. 1 and 12.

Thence,

N. 89° 52' W., on true line bet. secs. 1 and 12.

Over rolling sand hills through scattering undergrowth.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Post No. 38 ins. 26 ft. 3 in. above to top of post more

$\frac{1}{4}$

S1

$\frac{1}{4}$

S12

$\frac{1}{4}$

1922

Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

The cor. of secs. 1, 2, 11 and 12.

Land, rolling sand hills.

Soil, deep loose sand.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

N. 0° 10' W., on random line bet. secs. 1 and 2.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect the N. bdy. of the township, 11 lks. W. of the

cor. of secs. 1, 2, 35 and 36.

Thence,

S. 0° 05' E., on true line bet. secs. 1 and 2.

Over level alkali flat through scattering undergrowth.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains

$\frac{1}{4}$ ✓
S2 | S1

1922

- Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

47.80 Leave alkali flat and enter low rolling sand hills, bears E. and W..

79.80 The cor. of secs. 1, 2, 11 and 12. Land, level alkali flat on N. portion of mile, low rolling sand hills on S. portion. Soil, deep heavy clay on N. portion of mile, deep loose sand on S. portion. Undergrowth, scattering shadscale and greasewood. No timber.

Poor grazing.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the township.

N. $0^{\circ}11' W.$, bet. secs. 34 and 35.

Descend gradually over broken breaks of Granite Mountains, through scattering undergrowth.

15.70 Wash, 30 lks. wide, 6 ft. deep, drains NW.

23.60 Base of Granite Mountains, 200 ft. below sec. cor., bears NE. and SW.; thence over rolling desert.

27.70 Road, bears NE. and SW.

33.00 Wash, 10 lks. wide, 6 ft. deep, drains NE.

39.10 The Lincoln Highway, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S34 S35

1922

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

40.10 Wash, 10 lks. wide, 2 ft. deep, drains NE.

30.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, with brass cap marked.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains

T7S	R13W
S27	S26
S34	S35

1922.

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor.,
3 ft. dist.

Land, broken by breaks of Granite Mountains with a general
northerly exposure and drainage on S. portion of mile,
rolling desert on N. portion.

Soil, shallow clay loam mixed with loose granite stone on
S. portion of mile, deep heavy clay on N. portion.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

East, on random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.36 Intersect the N. and S. line, 7 lks. S. of the cor. of
secs. 25, 26, 35 and 36.
Thence,

S. $89^{\circ}57'$ W., on true line bet. secs. 26 and 35.

Over rolling desert land through scattering undergrowth.

4.00 Road, bears S. 80° W. and N. 80° E.

39.98 Set an iron post; 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S26

S35

1922

Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

79.36 The cor. of secs. 26, 27, 34 and 35.

Land, rolling desert.

Soil, deep heavy clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains	N. $0^{\circ}11'$ W., bet. secs. 26 and 27. Over level desert through scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$
	S27 | S26
	1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap marked.
	T7S | R13W S22 | S23
	S27 | S26
	1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.
	Land, level desert.
	Soil, deep heavy clay.
	Undergrowth, scattering shadscale and greasewood.
	No timber.
	Poor grazing.
	N. $89^{\circ}57'$ E., on random line bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect the N. and S. line, 10 lks. N. of the cor. of secs. 23, 24, 25 and 26.
	Thence,
	N. $89^{\circ}59'$ W., on true line bet. secs. 23 and 26.
	Over level desert through scattering undergrowth.
40.04	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$
	S23
	S26
	1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains	
80.08	The cor. of secs. 22, 23, 26 and 27. ✓ Land, level desert. ✓ Soil, deep heavy clay. ✓ Undergrowth, scattering shadscale and greasewood. No timber. ✓ Poor grazing. ✓
40.00	N. $0^{\circ}11'$ W., bet. secs. 22 and 23. ✓ Over level desert through scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ ✓ S22 | S23
	1922
80.00	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist. ✓ Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, with brass cap marked.
	T7S | R13W S15 | S14 S22 | S23
	1922
80.10	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist. ✓ Land, level desert. ✓ Soil, deep heavy clay. ✓ Undergrowth, scattering shadscale and greasewood. No timber. ✓ Poor grazing. ✓
	S. $89^{\circ}59'$ E., on random line bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor. ✓
80.16	Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 13, 14, 23 and 24. ✓ Thence, West, on true line bet. secs. 14 and 23. ✓

SUBDIVISION OF T. 7 S., R. 13 W.

Chains

- Over level desert through scattering undergrowth. 32.00
 40.08 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S14

 $\frac{1}{4}$
S23

1922

- Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
 80.16 The cor. of secs. 14, 15, 22 and 23. . . .
 Land, level desert.
 Soil, deep heavy clay.
 Undergrowth, scattering shadscale and greasewood.
 No timber.
 Poor grazing.

N. 0°11' W., bet. secs. 14 and 15.

- Over level desert through scattering undergrowth. 30.00
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

 $\frac{1}{4}$
S15 S14

1922

- Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap marked.

T7S | R13W
S10 | S11.

S15 | S14.

1922

- Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.
 Land, level desert.
 Soil, deep clay.
 Undergrowth, scattering shadscale and greasewood.
 No timber.
 Poor grazing.

SUBDIVISION OF T. 17 S., R. 13 W.

Chains

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.22 Intersect the N. and S. line, 10 lks. S. of the cor. of secs. 11, 12, 13 and 14. Thence, heading N. 89°56' W., on true line bet. secs. 11 and 14. Over level desert through scattering undergrowth.
- 40.11 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
- S11 ✓
1/4 sec. cor. 1922
- Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
- 80.22 The cor. of secs. 10, 11, 14 and 15. Land, level desert. Soil, deep heavy clay. Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing.
- N. 0°11' W., bet. secs. 10 and 11. Over level desert through scattering undergrowth.
- 40.00 Enter low rolling sand hills, bears NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
- 1/4 sec. cor. 1922
- Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, with brass cap marked.
- | | |
|-----------|------------|
| T7S
S3 | R13W
S2 |
| S10 | S11 |
- 1922
- .S. bars 2 .secs .3rd and no .11 1922 .

SUBDIVISION OF T. 47 S., R. 13 W.

Chas ns		Descrip
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.	100 ft. from sec. line N. 89°56' E.
	Land, level desert on extreme S. portion of mile, rolling sand hills on N. portion.	100 ft. from sec. line N. 89°56' E.
	Soil, deep heavy clay on extreme S. portion of mile, deep loose sand on N. portion.	100 ft. from sec. line N. 89°56' E.
	Undergrowth, scattering shadscale and greasewood.	
	No timber.	
	Poor grazing.	
		N. 89°56' E., on random line bet. secs. 2 and 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.22	Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 1, 2, 11 and 12.	100 ft. from sec. line N. 89°56' E.
	Thence,	through level land
	S. 89°58' W., on true line bet. secs. 2 and 11.	
	Over low, rolling sand hills through scattering undergrowth.	
40.11	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.	
		S2
		$\frac{1}{4}$
		100 ft. from sec. line N. 89°56' E.
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.	100 ft. from sec. line N. 89°56' E.
80.22	The cor. of secs. 2, 3, 10 and 11.	100 ft. from sec. line N. 89°56' E.
	Land, rolling sand hills.	100 ft. from sec. line N. 89°56' E.
	Soil, deep loose sand.	
	Undergrowth, scattering shadscale and greasewood.	
	No timber.	
	Poor grazing.	
		100 ft. from sec. line N. 89°56' E.
		100 ft. from sec. line N. 89°56' E.
		100 ft. from sec. line N. 89°56' E.
40.00	Set temp. $\frac{1}{4}$ sec. cor.	100 ft. from sec. line N. 89°56' E.
79.86	Intersect the N. bdy. of the township, 14 lks. W. of the cor. of secs. 2, 3, 34 and 35.	100 ft. from sec. line N. 89°56' E.
	Thence,	SRGT
	S. 0°01' W., on true line bet. secs. 2 and 3.	

SUBDIVISION OF T. 37 S., R. 13 W.

Chains	
	Over level alkali flat through scattering undergrowth.
39.86	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S3 | S2
	Entered corner bet. sec. 33 and 34, on the S. bdy. of the township, bears N. 0° 11' W., bet. secs. 33 and 34.
56.00	Enter low rolling sand hills, bears NE. and SW.
79.86	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist. The cor. of secs. 2, 3, 10 and 11.
	Land, level alkali flat on N. portion of mile, rolling sand hills on S. portion.
	Soil, deep heavy clay on N. portion of mile, deep loose sand on S. portion.
	Undergrowth, scattering shadscale and greasewood.
	No timber.
	Poor grazing.
	From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the township.
7.60	Over broken N. end of the Granite Mountains through scattering undergrowth.
	Base of Granite Mountains, 200 ft. below cor., bears NE. and SW.; thence over level desert.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S33 | S34
	Entered corner bet. sec. 33 and 34, on the S. bdy. of the township, bears N. 0° 11' W., bet. secs. 33 and 34.
41.10	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist. The Lincoln Highway, bears N. 80° E. and S. 80° W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap marked.

SUBDIVISION OF T. 7 S., R. 13 W.

Chds ns

T7S	R13W
S28	S27
S33	S34

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist. From this cor., at tent house bears S. $48^{\circ}45'$. A water tank bears S., about 15 chs. from house. Land, broken by breaks of Granite Mountains on extreme S. portion of mile, level desert on N. portion. Soil, shallow clay mixed with loose granite stone on extreme S. portion of mile, deep heavy clay on N. portion. Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing.

- East, on random line bet. secs. 27 and 34.
- 40.00 Set temp, $\frac{1}{4}$ sec. cor.
- 80.22 Intersect the N. and S. line, at the cor. of secs. 26, 27, 34 and 35.
Thence,
West, on true line bet. secs. 27 and 34.
Over level desert land through scattering undergrowth.
- 40.11 Set an iron post, 3 ft. long, 1 in. diem., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
- $\frac{1}{4}$ S27 ✓
S34
- 1922
- Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
- 80.22 The cor. of secs. 27, 28, 33 and 34.
Land, level desert.
Soil, deep heavy clay.
Undergrowth, scattering shadscale and greasewood.
No timber.
Poor grazing.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains				
	N. 0°11' W., bet. secs. 27 and 28 ins. to true east 00.00 Over level desert through scattering undergrowth.			
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.			
		$\frac{1}{4}$	/	
		S28	S27	
				1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.			
80.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap marked.			
		T7S	R15W	
		S21	S22	
		S28	S27	
				1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist. sand, yellow loam, gravel well watered 00.00 Land, level desert. soil .32.0, sand soil no 300 00.00 Soil, deep heavy clay. sand to 100 00.00 Undergrowth, scattering shadscale and greasewood.			
		S2A	R1T	
	No timber.	S18	S13	
	Poor grazing.	S2A	I18	
				1922
	East, on random line bet. secs. 22 and 27.			
40.00	Set temp. $\frac{1}{4}$ sec. cor.,			
80.20	Intersect the N. and S. line, at the cor. of secs. 22, 23, 26 and 27.			
	Thence, line to midline, 3 no. 10 wire woven gabbs, 110 ft. West, on true line bet. secs. 22 and 27.			
	Over level desert through scattering undergrowth.			
40.10	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.			
		S22	/	
				1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.			

SUBDIVISION OF T. 7 S., R. 13 W.

Chains		80.20	The cor. of secs. 21, 22, 27 and 28. ✓ N. 0°11' W. Land, level desert. No significant dense cover now. Soil, deep heavy clay. ✓ .3 ft. deep over fine sand. 00.04 Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing
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Chains		40.00	N. 0°11' W., bet. secs. 21 and 22. ✓ N. 0°11' W. Over level desert through scattering undergrowth. 00.08 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
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T7S	R13W	$\frac{1}{4}$
S16	S15	
S21	S22	

1922

Chains		48.00	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist. Enter low rolling sand hills, bears NE. and SW. 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked.
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T7S	R13W
S16	S15
S21	S22

1922

Chains		80.00	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist. Land, level desert on S. portion of mile, rolling sand hills on N. portion. Soil, deep heavy clay on S. portion of mile, deep loose sand on N. portion. Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing.
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SUBDIVISION OF T. 7 S., R. 13 W.

Chains

	✓ East, on random line bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.20	Intersect the N. and S. line, 2 lks. S. of the cor. of secs. 14, 15, 22 and 23. Thence, S. $89^{\circ}53'$ W., on true line bet. secs. 15 and 22. Over level desert land through scattering undergrowth.
40.10	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked.
	$\frac{S15}{S22}$
	1922
75.80	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
80.20	Enter low rolling sand hills, bears NE. and SW. The cor. of secs. 15, 16, 21 and 22. Land, level desert on E. portion of mile, low rolling sand hills on extreme W. portion. Soil, deep heavy clay on E. portion of mile, deep loose sand on extreme W. portion. Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing.
	N. $0^{\circ}11'$ W., bet. secs. 15 and 16. Over rolling sand hills through scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked.
	$\frac{S16}{S15}$
	1922
80.00	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap marked.

SUE DIVISION OF T. 7 S., R. 13 W.

Chains

T7S	R13S
S9	S10
S16	S15

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, rolling sand hills.

Soil, deep loose sand.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

N. $89^{\circ}59'$ E., on random line bet. secs. 10 and 15.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.22 Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 10, 11, 14 and 15.
Thence,
- S. $89^{\circ}56'$ W., on true line bet. secs. 10 and 15.
Over level desert through scattering undergrowth.
- 7.00 Enter low rolling sand hills, bears NE. and SW.
- 40.11 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S10	✓
$\frac{1}{4}$	—
S15	—

1922

Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

80.22 The cor. of secs. 9, 10, 15 and 16.

Land, level desert on extreme E. portion of mile, rolling sand hills on W. portion.

Soil, deep heavy clay on extreme E. portion of mile, deep loose sand on W. portion.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains	N. $0^{\circ}11'$ W., bet. secs. 9 and 10. Over rolling sand hills through scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	S9 S10 1922.
50.90	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
80.00	Leave sand hills, bears NE. and SW.; thence over level alkali flat.
	T7S | R13W S4 | S3 ✓ S9 | S10 1922.
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.
	Land, rolling sand hills on S. portion of mile, level alkali flat on N. portion.
	Soil, deep loose sand on S. portion of mile, deep heavy clay on N. portion.
	Undergrowth, scattering shadscale and greasewood.
	No timber.
	Poor grazing.
	N. $89^{\circ}56'$ E., on random line bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor..
80.28	Intersect the N. and S. line, at the cor. of secs. 2, 3, 10 and 11.
	Thence,
	S. $89^{\circ}56'$ W., on true line bet. secs. 3 and 10.
	Over rolling sand hills through scattering undergrowth.
40.14	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

SUBDIVISION OF T. 7 S., R. 13 W.

	Chains	
		S3 ✓
		S10 ✓
		1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.	
48.00	Leave rolling sand hills, bears SW., and N., about 5.00 chs. thence E.; thence over level alkali flat.	
80.28	The cor. of secs. 3, 4, 9 and 10. Land, rolling sand hills on E. portion of mile, level alkali flat on W. portion. Soil, deep loose sand on E. portion of mile; deep heavy clay on W. portion. Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing.	

	N. 0°01' E., on random line bet. secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.97	Intersect the N. bdy. of the township, 19 lks. W. of the cor. cor. of secs. 3, 4, 33 and 34. Thence, S. 0°09' W., on true line bet. secs. 3 and 4. Over level alkali flat through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S4 | S3

	On date above, I do hereby mark 1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
79.97	The cor. of secs. 3, 4, 9 and 10. Land, level alkali flat. Soil, deep heavy clay. Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains

.00

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the township, bet. sec. 32 and 33, goes N. 10° 00' E. 39.00 ft. N. 0° 12' W., bet. secs. 32 and 33.

Over level desert through scattering undergrowth.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ sec. cor., with brass cap marked.

S32 | S33

Aug. 28, 1922.

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap marked.

T7S	R13W
S29	S28

S32	S33

Aug. 28, 1922.

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, level desert.

Soil, deep heavy clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

40.00

East, on random line bet. secs. 28 and 33.

40.00

Set a temp. $\frac{1}{4}$ sec. cor.

79.98

Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 27, 28, 33 and 34.

Thence,

N. 89° 59' W., on true line bet. secs. 28 and 33.

Over level desert through scattering undergrowth.

39.99

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$

S28

S33

1922

SUBDIVISION OF T. 7 S., R. 13 W.

Chains

- Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
 73.36 The cor. of secs. 28, 29, 32 and 33.
 Land, level desert.
 Soil, deep heavy clay.
 Undergrowth, scattering shadscale and greasewood.
 No timber.
 Poor grazing.
-

N. $0^{\circ}12'$ W., bet. secs. 28 and 29.

- Over level desert through scattering undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S29	S28
1922	

- Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.
 55.00 Enter low rolling sand hills, bears NE. and SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
 ground, for cor. of secs. 20, 21, 28 and 29, with brass
 cap marked.

T7S	R13W
S20	S21
S29	S28
1922	

- Dig pits, 18 x 18 x 12 ins., NE., SE., S["]. and NW. of cor.,
 3 ft. dist.

Land, level desert on S. portion of mile, rolling sand
 hills on N. portion.
 Soil, deep heavy clay on S. portion of mile, deep loose
 sand on N. portion.

- Undergrowth, scattering shadscale and greasewood,
 No timber.
 Poor grazing.
-

SUBDIVISION OF T. 7 S., R. 13 W.

Chains		1922
	S. $89^{\circ}59'$ E., on random line bet. secs. 21 and 28.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
79.94	Intersect the N. and S. line, 3 lks. S. of the cor. of secs. 21, 22, 27 and 28.	
	Thence,	
	West, on true line bet. secs. 21 and 28.	
	Over level desert through scattering undergrowth.	
39.97	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.	
	<u>S21</u> $\frac{1}{4}$ <u>S28</u>	
		1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.	
48.00	Enter low rolling sand hills, bears NE. and SW.	
79.94	The cor. of secs. 20, 21, 28 and 29.	
	Land, level desert on E. portion of mile, rolling sand hills on W. portion.	
	Soil, deep heavy clay on E. portion of mile, deep loose sand on W. portion.	
	Undergrowth, scattering shadscale and greasewood.	
	No timber.	
	Poor grazing.	
	N. $0^{\circ}12'$ W., bet. secs. 20 and 21.	
	Over rolling sand hills through scattering undergrowth.	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.	
	<u>S20</u> <u>S21</u>	
		1922
	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap marked.	

SUBDIVISION OF T. 7 S., R. 13 W.

Chains

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	T7S	R13W	W. 1/4 sec. 16
	S17	S16	
	S20	S21	00.01
			1922
Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.			
Land, rolling sand hills.			
Soil, deep loose sand.			
Undergrowth, scattering shadscale and greasewood.			
No timber.			
Poor grazing.			
East, on random line bet. secs. 16 and 21.			
Set temp. $\frac{1}{4}$ sec. cor.			
Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 15, 16, 21 and 22.			
Thence,			
N. $89^{\circ}59'$ W., on true line bet. secs. 16 and 21.			
Over rolling sand hills through scattering undergrowth.			
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.			
	S16		
	$\frac{1}{4}$		
	S21		
			1922
Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.			
The cor. of secs. 16, 17, 20 and 21.			
Land, rolling sand hills.			
Soil, deep loose sand.			
Undergrowth, scattering shadscale and greasewood.			
No timber.			
Poor grazing.			

SUBDIVISION OF T. 7 S., R. 13 W.

Chains

N. $0^{\circ}12'$ W., bet. secs. 16 and 17.
 Over rolling sand hills through scattering undergrowth.
 Leave sand hills, bears E., about 5.00 chs. dist., thence
 NE., and W., about 5.00 chs. dist., thence SW.; thence
 over level alkali flat.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S17 S16

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
 ground, for cor. of secs. 8, 9, 16 and 17, with brass
 cap marked.

T7S	R13W
S8	S9
<hr/>	
S17	S16

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor.,
 3 ft. dist.

Land, rolling sand hills on S. portion of mile, level
 alkali flat on N. portion.

Soil, deep loose sand on S. portion of mile, deep heavy
 clay on N. portion.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

S. $89^{\circ}59'$ E., on random line bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect the N. and S. line, 7 lks. N. of the cor. of
 secs. 9, 10, 15 and 16.

Thence,

N. $89^{\circ}56'$ W., on true line bet. secs. 9 and 16.

Over rolling sand hills through scattering undergrowth.

Leave rolling sand hills, bears NE. and SW.; thence over
 level alkali flat.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains.

39.97	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.	S9 S16 1922
79.94	The cor. of secs. 8, 9, 16 and 17. Land, rolling sand hills on E. portion of mile, level alkali flat on W. portion. Soil, deep loose sand on E. portion of mile, deep heavy clay on W. portion. Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing.	
40.00	N. $0^{\circ}12'$ W., bet. secs. 8 and 9. Over level alkali flat through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.	$\frac{1}{4}$ S8 | S9 1922
80.00	Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap marked.	T7S | R13W S5 | S4 S8 | S9 1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist. Land, level alkali flat. Soil, deep heavy clay. Undergrowth, scattering shadscale and greasewood. No timber. Poor grazing.	

SUBDIVISION OF T. 7 S., R. 13 W.

Chains	S. $89^{\circ}56'$ E., on random line bet. secs. 4 and 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.86	Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 3, 4, 9 and 10.
	Thence,
	N. $89^{\circ}53'$ W., on true line bet. secs. 4 and 9.
	Over level alkali flat through scattering undergrowth.
39.93	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	S4 $\frac{1}{4}$ S9
	1922
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.
79.86	The cor. of secs. 4, 5, 8 and 9.
	Land, level alkali flat.
	Soil, deep heavy clay.
	Undergrowth, scattering shadscale and greasewood.
	No timber.
	Poor grazing.
	N. $0^{\circ}03'$ E., on random line bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.,
79.95	Intersect the N. bdy. of the township, 21 lks. E. of the cor. of secs. 4, 5, 32 and 33.
	Thence,
	South, on true line bet. secs. 4 and 5.
	Over level alkali flat through scattering undergrowth.
39.98	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\frac{1}{4}$ S5 | S4
	1922
	Dig pits, 18 x 18 x 12 ins.; N. and S. of cor., 3 ft. dist.
79.95	The cor. of secs. 4, 5, 8 and 9.
	Land, level alkali flat. Soil, deep heavy clay.
	Undergrowth, scattering shadscale and greasewood.
	No timber. Poor grazing.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the township.

N. $0^{\circ}13'$ W., bet. secs. 31 and 32.

Over rolling sand hills through scattering undergrowth.

38.90 Land becomes more level, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S31	S32
-----	-----

1922

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap marked.

T7S	R13W
S30	S29
<hr/>	
S31	S32

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, low rolling sand hills.

Soil, deep sand and clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

East, on random line bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect the N. and S. line, 5 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence,

S. $89^{\circ}58'$ W., on true line bet. secs. 29 and 32.

Over rolling sand hills through scattering undergrowth.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S29

$\frac{1}{4}$ S32

1922

SUBDIVISION OF T. 17 S., R. 13 W.

Chains

Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

80.02 The cor. of secs. 29, 30, 31 and 32. ^{SW corner}

Land, rolling sand hills.

Soil, deep sand and clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

West, on random line bet. secs. 30 and 31.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

77.86

Intersect the W. bdy. of the township, 2 lks. S. of the cor. of secs. 25, 30, 31 and 36.

Thence, ^{SW corner} 2 lks. S. 89°56' E., on true line bet. secs. 30 and 31.

Over level alkali flat through scattering undergrowth.

26.60

Leave alkali flat and enter low rolling sand hills, bears S. 20° E. and NW.

35.50

Low clay ridge, bears S. 20° E. and NW.

37.86

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, form sec. cor., with brass cap marked.

S30

S31

1922

Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

41.50

Swale, drains SE.

77.86

The cor. of secs. 29, 30, 31 and 32.

Land, level alkali flat on W. portion of mile, rolling sand hills on E. portion.

Soil, deep sand and clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

N. 0°13' W., bet. secs. 29 and 30, 200 ft. from west cor. of 1.08

Over rolling sand hills through scattering undergrowth.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains		40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked.	80.00
			Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap marked.			
			T7S R13W S19 S20	
			S30 S29	
			1922	
			Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist.	
			No timber.	
			Poor grazing.	
			N. $89^{\circ}58'$ E., on random line bet. secs. 20 and 29.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.			
80.10	Intersect the N. and S. line, 2 lks. S. of the cor. of secs. 20, 21, 28 and 29.			
	Thence,			
			S. $89^{\circ}57'$ W., on true line bet. secs. 20 and 29.	
	Over rolling sand hills through scattering undergrowth.			
40.05	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked.			
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.			
80.10	The cor. of secs. 19, 20, 29 and 30.			
	Land, rolling sand hills.			
	Soil, deep loose sand.			

SUBDIVISION OF T. 7 S., R. 13 W.

Chains		chain 0
Step	Undergrowth, scattering shadscale, and greasewood.	00.08
✓	No timber.	
No. at .	Poor grazing.	00.02

N. $89^{\circ}56'$ W., on random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. l.cor.

77.51 Intersect the W. bdy. of the township, at the cor. of
secs. 19, 24, 25 and 30.

S. $89^{\circ}56'$ E., on true line bet. secs. 19 and 30.

Over level alkali flat through scattering undergrowth.

37.51 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S19

S30-1974-1 add punctuation

1922

Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

64.50 Leave alkali flat and enter low rolling sand hills, bears N. and SW.

The cor. of secs. 19, 20, 29, and 30. (See Fig. 11.)

Land, level alkali flat on W. portion of mile, rolling sand hills on E. portion.

Soil, deep heavy clay on W. portion of mile, deep loose sand on E. portion.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

10. The following table shows the number of hours worked by each employee in a company.

N. $0^{\circ}13'$ W., bet. secs. 19 and 20. .
Over rolling sand hills through scattering undergrowth.

Set. an iron post, 3 ft. long, 1 in. diam., 27 ins. in t.

ground, for $\frac{1}{2}$ sec. cor., with brass cap marked. 60.3

$\frac{1}{2}$

Dig pits, 18 x 18 x 12 ins., N. and S. of icon, 3 ft. dist.

SUBDIVISION OF T. 7 S., R. 13 W.

Chains		
60.00	Leave rolling sand hills and enter alkali flat, bears NE. and SW.	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked.	T7S | R13W S18 | S17 ✓ . 00.00 S19 | S20 ✓ . 00.00
		1922
	Dig pits, 18 x 18 x 12 ins., NE., SE., SW., and NW. of cor. 3 ft. dist.	
	Land, rolling sand hills on S. portion of mile, level alkali flat on N. portion.	
	Soil, deep loose sand on S. portion of mile, deep heavy clay on N. portion.	
	Undergrowth, scattering shadscale and greasewood.	
	No timber.	
	Poor grazing.	
	N. $89^{\circ}57'$ E., on random line bet. secs. 17 and 20.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.12	Intersect the N. and S. line, 7 lks. S. of the cor., of secs. 16, 17, 20 and 21.	
	Thence, S. $89^{\circ}54'$ W., on true line bet. secs. 17 and 20.	
	Over rolling sand hills through scattering undergrowth.	
40.06	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.	S17 $\frac{1}{4}$ S20
	Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.	1922
72.00	Leave rolling sand hills and enter level alkali flat, bears NE. and SW.	
80.12	The cor. of secs. 17, 18, 19 and 20.	
	Land, rolling sand hills on E. 72.00 chs. of mile, level alkali flat remainder of mile.	

SUBDIVISION OF T. 17 S., R. 13 W.

SUBDIVISION OF T. 17 S., R. 13 W.

Chains

ground, for cor. of secs. 7, 8, 17 and 18, with brass cap marked.

T7S | R13W

S7S | S8E

S18 | S17

1922

Dig pits, 18 x 18 x 12 ins., NE., SE., SW. and NW. of cor., 3 ft. dist. set on line bet. sec. 8 and 17.

Land, level alkali flat. 100.00

Soil, deep heavy clay. 100.00

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing. 100.00

N. 89°54' E., on random line bet. secs. 8 and 17. 20.75

Set temp. $\frac{1}{4}$ sec. cor. 100.00

Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 8, 9, 16 and 17,

Thence,

S. 89°55' W., on true line bet. secs. 8 and 17. 100.00

Over level alkali flat through scattering undergrowth. 100.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S8E

 $\frac{1}{4}$

S17

1922

Dig pits, 18 x 18 x 12 ins., E. and W. of cor., 3 ft. dist.

The cor. of secs. 7, 8, 17 and 18. 100.00

Land, level alkali flat. 100.00

Soil, deep heavy clay. 100.00

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

1922

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Land, level alkali flat. 100.00

Soil, deep heavy clay. 100.00

Undergrowth, scattering shadscale and greasewood.

W.C.I. SUBDIVISION OF T. 7 VS. S. 13 W.

SUBDIVISION OF T17S., R. 13 W.

Chains				
	Land, level alkali flat.	soil	cor.	sec. 5
	Soil, deep heavy clay.	.000 .000	cor.	00.00
	Undergrowth, scattering shadscale and greasewood.			sec. 07
	No timber.	.01 000 01 .01 .000	cor.	
	Poor grazing.			sec. 07
		SE 1/4 N. 89°55' E., on random line bet. secs. 5 and 8.		
40.00	Set temp. $\frac{1}{4}$ sec. cor. 5 at .89°55' E., 10 lks. N. of the cor. of			sec. 08
80.08	Intersect the N. and S. line, 10 lks. N. of the cor. of			
	secs. 4, 5, 8 and 9.			
	Thence,	SE 1/4		
	S. 89°55' W., on true line bet. secs. 5 and 8.			
	Over level alkali flat through scattering undergrowth.			
40.04	Set an iron post, 13 ft. long, 1 in. diam., 27 ins. in the			
	ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.			
		S. 89°55' W., on true line bet. secs. 5 and 8.		
		$\frac{1}{4}$ sec. cor.		
		1922		
	Deposit a quart of charcoal at base of monument as a			
	memorial.			
	Pits impracticable.			
80.08	The cor. of secs. 5, 6, 7 and 8. 10 lks. N. of the cor. of			
	secs. 5, 6, 7 and 8.			
	Land, level alkali flat.			sec. 08
	Soil, deep heavy clay.			
	Undergrowth, scattering shadscale and greasewood.			
	No timber.			
	Poor grazing.			
		SE 1/4 N. 89°55' E., on random line bet. secs. 6 and 7.		
40.00	Set temp. $\frac{1}{4}$ sec. cor. 5 at .89°55' E., 10 lks. N. of the			sec. 08
76.57	Intersect the W. bdy. of the township, 2 lks. N. of the			
	cor. of secs. 1, 6, 7 and 12.			
	Thence,	SE 1/4		
	S. 89°56' E., on true line bet. secs. 6 and 7.			
	Over level alkali flat through scattering undergrowth.			

SUBDIVISION OF T. 7 S., R. 13 W.

Chains

36.57 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S6 ✓

76.57 The cor. of secs. 5, 6, 7 and 8.
Land, level alkali flat.
Soil, deep heavy clay.
Undergrowth, scattering shadscale and greasewood.
No timber.
Poor grazing.

S7 ✓

1922 ✓

North, on random line bet. secs. 5 and 6.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.32 Intersect the N. bdy. of the township, 14 lks. W. of the cor. of secs. 5, 6, 31 and 32.

Thence,

S. 0°06' W., on true line bet. secs. 5 and 6.
Over level alkali flat through scattering undergrowth.

39.32 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S6 ✓

S5 ✓

1922 ✓

Dig pits, 18 x 18 x 12 ins., N. and S. of cor., 3 ft. dist.

79.32 The cor. of secs. 5, 6, 7 and 8.

Land, level alkali flat.

Soil, deep heavy clay.

Undergrowth, scattering shadscale and greasewood.

No timber.

Poor grazing.

GENERAL DESCRIPTION OF T. 7 S., R. 13 W.

Sheet 10

BOUNDARIES OF T. 7 S., R. 13 W.						
Line designated.	True bearings.	Dist- ances. chs.	Latitudes. N. chs.	S. chs.	E. chs.	Departures. W. chs.
E. Bdy.	T7S R13W N. 0°14' W.	80.52	80.52			33
	N. 0°17' W.	40.18	40.18			20
	N. 0°14' W.	40.17	40.17			16
	N. 0°13' W.	40.28	40.28			15
	N. 0°19' W.	40.33	40.33			22
	N. 0°05' W.	40.52	40.52			06
	N. 0°13' W.	40.52	40.52			15
	North	157.48	157.48			
N. Bdy.	T7S R13W N. 89°59' W.	476.71	476.71			476.71
W. Bdy.	T7S R13W South	480.00	480.00			
S. Bdy.	T7S R13W East	478.17	478.17			478.17
Convergency						61
			480.13	480.00	478.17	478.59
			480.00			478.17
Errors in lat. and dep.			0.13			0.42 ✓

GENERAL DESCRIPTION OF T. 7 S., R. 13 W.

This township in general, consists of a portion of the Great Salt Lake Desert. The north and west portions of the township, consists of a level alkali flat. A string of low rolling sand hills, bears in a southwesterly direction from the NE. corner of the township to the SW. corner. The south portions of secs. 34, 35 and 36, and the SE. corner of sec. 33, is broken by the breaks of Granite Mountains.

The Lincoln Highway enter the township on the E. bdy. of sec. 36, and runs in a westerly direction, leaving it on the S. bdy. of sec. 33. Other branch roads run in a southerly direction from the Lincoln Highway to the Granite Mountains.

About one half mile of 2 inch pipe line was found in the E. half of sec. 34. This pipe line and the roads are the only improvements found on the township.

The entire township is covered with a scattering undergrowth of shadscale and greasewood, and is used for a winter range for sheep.

GENERAL DESCRIPTION OF T. 7 S., R. 13 W.

The Granite Mountains are covered with a very scattering growth of scrub juniper timber. No other portion of the township is timbered.

No portion of the township is suitable for farming.

No indications of mineral are found.

The magnetic declination was not taken on account of a defective needle.

Howard M. Allen.

U.S. Geological Engineer

The Government of the Netherlands covers many very specific areas.

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Page

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4-680

FIELD ASSISTANTS.

6-2761

CERTIFICATE OF UNITED STATES SURVEYOR.

Cadastral Engineer

I, Howard W. Miller

U. S. Surveyor, hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General for Utah
 bearing date of the 4th day of March, 1921, I have well, faithfully, and truly
 in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-
 tions, and the laws of the United States, surveyed all those parts or portions of resurvey and
survey of the east boundary, survey of the north, south and west
boundaries and subdivision of T. 7 S., R. 13 W.

of the Salt Lake Base

and Meridian, in the State of Utah, which are represented in
 and date diagram on dates shown on date diagram
 the foregoing field notes as having been executed by me, and under my direction; and that all the corners of
 said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-
 tions, and the special written instructions of the U. S. Surveyor General for Utah
 and in the specific manner described in the field notes, and that the foregoing are the original field notes of
 such survey.

Washington, D.C.
 April 2, 1923.

U.S. Cadastral Engineer.

APPROVAL:

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah

May 19, 1923

19

The foregoing field notes of the survey of

Resurvey and survey of the east boundary, survey of the north,
 south and west boundaries and subdivision of T. 7 S. R. 13 W.

executed by Howard W. Miller, U.S. Cadastral Engineer

under his special instructions dated March 4, 1921

, having been
 critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys
 they describe, are hereby approved.

U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 7 S.
 R. 13 W. , has been correctly copied from the original notes on file in this office.

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Page

APR 15 1922

4-679

BOOK A-459

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FIELD NOTES

OF THE SURVEY OF THE

EAST, NORTH AND WEST BOUNDARIES AND

SUBDIVISION OF

T.39 S., R.19 W.

Of the SALT LAKE BASE AND Meridian,

In the State of UTAH

EXECUTED BY

JAMES C.O'BRIEN, U. S. SURVEYOR

Surveyor General of the United States Surveyor, under instructions dated JANUARY 17, 1921,
issued by the United States Surveyor General to govern surveys included in
Group No. 109, which were approved by the Commissioner of the General Land
Office, FEBRUARY 5 and 17, 1921; ASSIGNMENT INSTRUCTIONS DATED
FEBRUARY 1, 1921.

Survey commenced MARCH 25 1921

Survey completed MAY 14 1921

151

Exercises Classified

- A Plot Notes
V.I.F. K.F.B.
- B Computations
V.I.F.
- Comparing
- C Plat Notes
F.M.S. F.M.S.
F.B.J. F.B.J.

BOOK A-459

INDEX DIAGRAM.

Township 39 South			Range 19 West					
18	16	15	13	11	9	8	7	
25 6 85 5 68 4 58 3 47 2 36 1 8								
84	83	68	57	46	35			
24 7 82 8 67 9 56 10 45 11 34 12 7								
81	80	66	55	44	33			
22 18 79 17 65 16 54 15 43 14 32 13 6								
78	77	64	53	42	31			
21 19 76 20 63 21 52 22 41 23 30 24 5								
75	74	62	51	40	29			
20 30 72 29 60 28 50 27 39 26 28 25 4								
72	71	60	49	38	27			
19 31 69 32 58 33 48 34 37 35 26 36 2								

70A

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4-079 b

INDEX DIAGRAM.

Township 39 S, Range 19 W.
 96 94 93 91 89 88

103	163	146	136	125	114	86
	162	161	146	135	124	113
102	160	145	134	123	112	85
	159	158	144	133	122	111
100	157	143	132	121	110	84
	156	155	142	131	120	109
99	154	141	130	119	108	82
	153	152	140	129	118	107
98	152	138	128	117	106	82
	150	149	138	127	116	105
97	147	136	126	115	104	80

6-4917

DATE DIAGRAM T:39 S.: R.19 W.

	4-26-21	5-4-21	4-26-21	4-13-21	4-13-21	4-12-21	
	5-4-21	5-11-21	5-11-21	5-4-21	4-25-21	4-20-21	1
6	5-14-21	5-11-21	5-10-21	5-4-21	4-19-21	4-18-21	4-16-21
7	5-13-21	5-2-21	5-7-21	5-2-21	4-11-21	4-18-21	4-15-21
8	5-10-21	5-9-21	5-2-21	5-11-21	4-7-21	4-15-21	4-16-21
18	5-12-21	5-9-21	5-2-21	4-30-21	4-18-21	3-31-21	3-28-21
17	5-12-21	5-9-21	5-2-21	4-30-21	4-7-21	4-15-21	4-16-21
19	5-5-21	20	5-2-21	4-11-21	4-7-21	3-25-21	3-20-21
4-8-21	4-8-21	4-27-21	4-28-21	4-2-21	4-25-21	3-30-21	3-29-21
30	4-6-21	4-27-21	4-2-21	4-2-21	4-1-21	2-70-21	2-70-21
31	4-6-21	32	4-2-21	4-1-21	4-1-21	2-25-21	2-25-21
33						34	35
34						35	36
35						36	

Instrument.

Survey commenced March 25, 1921 and executed with Young and Sons mountain transit No. 8584; the instrument is equipped with Smith solar attachment and full vertical circle; unless otherwise specified all azimuth determinations are accomplished with the solar attachment.

The instrument was approved for use in this survey, conditional upon satisfactory field tests, by the Assistant Supervisor of Surveys for Utah in assignment instructions dated February 1, 1921.

This township was surveyed in conjunction with T.40 S., R.19 W. of this group ; for complete test of instrument see survey of T.40 S., R.19 W.

For final test of instrument see survey of T.39 S., R.18 W. of this group.

MEASUREMENTS

Unless otherwise specified all measurements are made with a Lallie steel ribbon tape 8 chains in length compared with a Lufkin standard steel tape 1 chain long and found correct. The measurements are made on the slope, the vertical angles determined by use of the clinometer and the slope measurements are properly reduced to true horizontal distances.

EAST BOUNDARY OF T. 39 S., R.19 W.

I begin at the cor. of Tps. 39 and 40 S., Rs. 18 and 19 W., which is an iron post, 3 ins. in dia., firmly set in a mound of stone, and marked and witnessed as described by the surveyor general; approximate lat. $37^{\circ} 23' N.$, longitude $113^{\circ} 51' W.$.

Thence

North, bet. secs. 31 and 36.

T. 39 R. 19 E. Oct 20, 1921
East Boundary of T. 39 S., R. 19 W.

S.M. 810

chains	Over mountainous land through medium growth of timber and dense undergrowth. Descend over N. slope.
14.00	Ravine, 210 ft. below corr., drains NW.; ascend S. slope thru rocks over limestone ledges.
25.50	Ridge, 300 ft. above ravine, bears N. and SW.; thence along top of ridge gradually ascending.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for cor. of sec. 25, with brass cap marked
56.00	dist., marked $\frac{1}{2}$ sec. 25, 3 ft. long, 1 in. in dia., 24 ins. in the ground for cor. of sec. 30, with brass cap marked
62.00	dist., marked $\frac{1}{2}$ sec. 30, 3 ft. long, 1 in. in dia., 24 ins. in the ground for cor. of sec. 31, with brass cap marked
66.70	dist., marked $\frac{1}{2}$ sec. 31, 3 ft. long, 1 in. in dia., 24 ins. in the ground for cor. of sec. 36, with brass cap marked
74.40	Leave ridge, bears E. and W.; descend N. slope.
80.00	Canyon, 425 ft. below ridge; drains NW.; ascend S. slope.
86.70	Spur, projects W. about 5 chs. distant; gradually descend.
94.40	Ravine, 25 ft. below spur, drains SW.; ascend S. slope 60 ft. to a 32 ft. bench.
100.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 25, 30, 31 and 36, with brass cap marked
116.00	dist., marked $\frac{1}{2}$ sec. 25, 3 ft. long, 1 in. in dia., 24 ins. in the ground for cor. of sec. 30, with brass cap marked
122.00	dist., marked $\frac{1}{2}$ sec. 30, 3 ft. long, 1 in. in dia., 24 ins. in the ground for cor. of sec. 31, with brass cap marked
128.00	dist., marked $\frac{1}{2}$ sec. 31, 3 ft. long, 1 in. in dia., 24 ins. in the ground for cor. of sec. 36, with brass cap marked
134.00	Leave S. slope, descend N. slope.
140.00	A cedar, 6 ins. diam., bears N. $47\frac{3}{4}^{\circ}$ E., 263 lks.
146.00	dist., marked T 39 S R 18 W S 30 B T
152.00	A cedar, 8 ins. diam., bears S. $15\frac{1}{2}^{\circ}$ E., 114 lks.
158.00	dist., marked T 39 S R 18 W S 31 B T
164.00	A cedar, 8 ins. diam., bears S. $32\frac{1}{2}^{\circ}$ W., 90 lks.
170.00	dist., marked T 39 S R 19 W S 36 B T
176.00	A cedar, 8 ins. diam., bears N. 74° W., 103 lks.
182.00	dist., marked T 39 S R 19 W S 25 B T

East Boundary of T.39 S., R.19 W.

chains	
40.00	Land, rough mountainous; general SW. drainage.
	Soil, shallow loam and rocky limestone formation.
40.00	Timber, cedar and pinon. No water. 42 deg. 07 min. 00 sec.
	Undergrowth, live-oak, sage, manzanita and mountain rush.
40.00	North, bet. secs. 25 and 30. Grade no good surface.
	Over rough mountainous land through medium growth of st.
	timber and dense undergrowth. Ascend steep S. slope.
12.60	Ridge, 230 ft. above sec. cor., bears E. and W.; descend N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	T 39 S 25 B T 30 A $\frac{1}{4}$ sec. cor. A
	S25 S30
	1921 A
	from which a road is graded up hill overall 08.84
40.00	A cedar, 3 ins. diam., bears N. $27\frac{1}{4}$ ° E., 79 lks. 0.00
40.00	dist., marked $\frac{1}{4}$ S 30 B T 30 A
40.00	A pinon, 12 ins. diam., bears N. $67\frac{1}{2}$ ° W., 91 lks.
	dist., marked $\frac{1}{4}$ S 25 B T 30 A
	Cor. stands in edge of bottom of ravine, 157.5 ft. below ridge, drains NW.; ascend. does not change.
45.50	Spur, 25 ft. above ravine, projects W.; descend.
49.70	Canyon, 120 ft. below spur, drains SW.; ascend abruptly S. slope.
57.56	Ridge, 200 ft. above canyon, bears E. and W.; prospect workings at point of discovery of Jewel No. 3 lode on line. Gradually descend 225 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 19, 24, 25 and 30, with brass cap marked
	T39S R19W R18W S24 S19 S25 S30 1921 A
	from which a road is graded up hill overall 08.84

East Boundary of T.39 S., R.19 W.

chains	A cedar, 6 ins.diam., bears N. $34\frac{3}{4}$ $^{\circ}$ E., 43 lks. dist.,marked T 39 S R 18 W S 19 B T A cedar, 4 ins.diam., bears S. 55° E., 49 lks. dist.,marked T 39 S R 18 W S 30 B T A cedar, 7 ins.diam., bears S. $66\frac{3}{4}$ $^{\circ}$ W., 96 lks. dist.,marked T 39 S R 19 W S 25 B T A cedar, 8 ins.diam., bears N. 55° W., 56 lks. dist.,marked T 39 S R 19 W S 24 B T Land, rough mountains; general SW. drainage. Soil, gravelly and rocky of limestone and quartz formation; 4th. state. Timber, cedar and pinon. Undergrowth, buck, live oak, green, mountain rush and black brush. Fair grazing land. North, bet. secs. 19 and 24. Descend over mountainous land through dense timber and undergrowth. Ravine, 75 ft. below cor., drains SW.; ascend S. slope. Spur, 150 ft. above ravine, projects SW.; descend N. slope. Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S24 | S19 1921 from which A pinon, 6 ins.diam., bears S. $39\frac{3}{4}$ $^{\circ}$ E., 31 lks. dist.,marked $\frac{1}{4}$ S 19 B T 31 S 19 B T 31 A pinon, 8 ins.diam., bears S. $45\frac{1}{2}$ $^{\circ}$ W., 140 lks. dist.,marked $\frac{1}{4}$ S 24 B T 31 S 24 B T 31 Cor. stands on edge of E. Fork of Beaver Dam Wash, 200 ft. below ridge. E. Fork of Beaver Dam Wash and stream, 2 lks. wide, 1 in. deep, course SW. Road, bears NE. and SW.; ascend S. slope. Spur, 400 ft. above wash, projects SE.; descend N. slope.
13.60	
20.30	
40.00	
45.30	
45.40	
74.50	

East Boundary of T.39 S., R.19 W.

chains
80.00 Draw, 100 ft. below spur, drains E.
Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24, with brass cap marked.

T39S

R19W | R18W

S13 | S18

S24 | S19

1921

from which

A cedar, 16 ins. diam., bears N. $69\frac{1}{2}$ ° E., 53 lks.

dist., marked T 39 S R 18 W S 18 B T

A cedar, 6 ins. diam., bears S. 30° E., 25 lks.

dist., marked T 39 S R 18 W S 19 B T

A cedar, 8 ins. diam., bears S. $64\frac{1}{2}$ ° W., 54 lks.

dist., marked T 39 S R 19 W S 24 B T

A cedar, 12. ins. diam., bears N. $47\frac{1}{2}$ ° W., 48 lks.

dist., marked T 39 S R 19 W S 13 B T

Land, rough mountains; general SW. drainage.

Soil, shallow loam and rocky of limestone and quartz formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, buck, sage, black, green brush and mountain rush. Fair grazing land.

North, bet. secs. 13 and 18.

Over mountainous land through dense timber and undergrowth. Ascend.

7.30 Spur, 75 ft. above cor., projects E.; descend N. slope.

30.00 Canyon, 35 ft. below spur, drains SE.; ascend S. slope 175 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S13 | S18

1921

from which

East Boundary of T.39 S., R.19 W.

chains	A cedar, 12 ins. diam., bears S. $79\frac{1}{4}$ ° E., 39 lks. dist., marked $\frac{1}{4}$ S 18 B T
	A cedar, 6 ins. diam., bears N. $52\frac{3}{4}$ ° W., 51 lks. dist., marked $\frac{1}{4}$ S 13 B T
68.50	Spur, 360 ft. above $\frac{1}{4}$ sec. cor., projects SE.; descend N. slope 160 ft. to
80:00	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 7, 12, 13 and 18, with brass cap marked
	T39S R19W | R18W S12 | S7 S13 | S18 1921
	A cedar, 8 ins. diam., bears N. $42\frac{1}{2}$ ° E., 51 lks. dist., marked T 39 S R 18 W S 7 B T
	A cedar, 6 ins. diam., bears S. $58\frac{1}{2}$ ° E., 74 lks. dist., marked T 39 S R 18 W S 18 B T
	A cedar, 8 ins. diam., bears S. 51 ° W., 60 lks. dist., marked T 39 S R 19 W S 13 B T
	A pinon, 6 ins. diam., bears N. 34 ° W., 102 lks. dist., marked T 39 S R 19 W S 12 B T
09.90	Land, rough and mountainous; general SE. drainage. Soil, shallow loam and rocky; 4th. rate. Timber, cedar and pinon. Undergrowth, sage, live oak, green brush and mountain rush. Fair grazing land.
	North, bet. secs. 7 and 12. Descend over mountainous land through dense timber and undergrowth.
3.90	Canyon, 50 ft. below cor., drains SE.; ascend S. slope.
20.00	Spur, 250 ft. above canyon, projects SE.; descend N. slope.
23.00	Small ravine, 20 ft. below spur, drains SE.; ascend S. on S. slope of mountain, 400 ft. above ravine.
40.00	

East Boundary of T.39 S., R.19 W.

chains	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S12 | S7 from which
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S12 | S7 from which
40.00	A pinon, 6 ins. diam., bears S. $23\frac{1}{2}^{\circ}$ E., 180 lks. dist., marked $\frac{1}{4}$ S 7 B T
40.00	A pinon, 6 ins. diam., bears S. 13° W., 100 lks. dist., marked $\frac{1}{4}$ S 12 B T
48.70	Spur, from main ridge, 260 ft. above $\frac{1}{4}$ sec. cor., projects W.; descend NW. slope.
80.00	On edge of steep wash, 100 ft. below spur. Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a large mound of stone for cor. of secs. 1, 6, 7 and 12, with brass cap marked T39S S1 | S6 S12 | S7 from which
80.00	Deposit a stone marked (X) at base of post. Suitable bearing trees not available.
80.00	Land, mountainous, SE. exposure and drainage on S. 48.70 c chs. and W. exposure and S. drainage on remainder of mile.
80.00	Soil, shallow loam and rocky of quartz and limestone formation; 4th. rate.
80.00	Timber, cedar and pinon.
80.00	Undergrowth, sage, live oak, green brush and mountain rush. Fair grazing land.
12.50	North, bet. secs. 1 and 6.
40.00	Descend over mountainous land through dense undergrowth.
40.00	Ravine, 225 ft. below cor., drains W.; ascend S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

East Boundary of T.39 S., R.19 W.

chains

S1 | S6

1921

Raise a mound of stone, 2 ft. base, $\frac{1}{2}$ ft. high, W. of cor.
Cor. stands on S. slope 500 ft. above ravine.

61.70 Top of ridge and mountain, 400 ft. above $\frac{1}{2}$ sec. cor., bears
NW. and SE.; descend N. slope 250 ft. to
74.28 Intersect S. bdy. of T.38 S., R.18 W., 20.80 chs. East of
the cor. of Tps. 38 and 39 S., Rs. 18 and 19 W. which
is an iron post, 3 ins. in dia., extending 12 ins.
above ground, firmly set, and marked and witnessed as
described by the surveyor general.
At point of intersection,
Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins.
in the ground for cor. of Tp.39 S., Rs. 18 and 19 W.,
with brass cap marked

T38SR18W
S31

S1 | S6

R19W | R18W

1921

Raise a mound of stone, 2 ft. base, $\frac{1}{2}$ ft. high, S. of cor.
Note: The cor. of Tps. 38 and 39 S., Rs. 18 and 19 W. was
remarked for the cor. of T. 38 S., Rs. 18 and 19 W., see
survey of N. bdy. of this tp.

Land, mountainous; general drainage SW.

Soil, shallow loam and rocky of limestone and quartz

Deformation; 4th. rate.

No timber.

Undergrowth, sage, live oak, green, buck brush and

mountain rush. Fair grazing land.

NORTH BOUNDARY OF T.39 S., R.19 W.

Remark: the cor. of Tps. 38 and 39 S., Rs. 18 and 19 W.
for the cor. of T.38 S., Rs. 18 and 19 W. as follows:

North Boundary of T.39 S., R.19 W.

chains		T38S R19W | R18W S36 | S31	sec. 1912
		S1 T39S 1912	
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.		
	Thence		
	West, along S. bdy. of sec. 36, T.38 S., R.19 W.		
	Descend over mountainous land through scattering timber and dense undergrowth.		
19.20	Westing of 40.00 chs. from the cor. of T.39 S., Rs. 18 and 19 W.		
	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor. N. bdy. sec. 1, T.39 S., R.19 W., with brass cap marked		
		$\frac{1}{4}$ S1 1921	
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.		
	No suitable bearing trees available.		
	Cor. stands on general W. slope 260 ft. below tp. cor.		
40.00	On general W. slope 475 ft. below $\frac{1}{4}$ sec. cor. for sec. 1.		
	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor. S. bdy. sec. 36, with brass cap marked		
		$\frac{1}{4}$ S 36 1921	
	from which		
	A cedar, 8 ins. diam., bears N.84° E. 196 lks.		
	dist., marked $\frac{1}{4}$ S 36 B T .		
	No other trees available.		
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.		
43.00	Small ravine, 75 ft. below $\frac{1}{4}$ sec. cor., drains SW.; ascend. 1.1.1. 196		
49.40	Spur, 40 ft. above ravine, projects SW.; descend W. slope 65 ft. to left S. bdy. sec. 36, cor. 1921		
59.20	Westing of 80.00 chs. from the cor. of T.39 S., Rs. 18 and 19 W.		

North Boundary of T.39 S., R.19 W.

chains	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 1 and 2, T.39 S., R.19 W., with brass cap marked
70.00	T38 SR19W S36 unmarked - for cor. of secs. 1 and 2, T.39 S., R.19 W. Bearing N. 32° E. 320 ft. above ravine, 49 lks. from which
71.00	A cedar, 12 ins. diam., bears S. 52 $\frac{1}{4}$ ° E., 106 lks. dist., marked T 39 S R 19 W S 1 B T
72.00	A cedar, 6 ins. diam., bears S. 25 $\frac{1}{2}$ ° W., 49 lks. dist., marked T 39 S R 19 W S 2 B T
61.20	Bottom of ravine and small stream of good water, 20 ft. below cor. of secs. 1 and 2, drains SE.; ascend.
80.00	Ridge, 320 ft. above ravine, bears N. and S. Point for cor. of secs. 35 and 36 falls on surface rock, marked (X) for exact cor. point, and, over same, Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in a large mound of stone for cor. of secs. 35 and 36, T.38 S., R.19 W., with brass cap marked
81.00	T38S | R19W S35 | S36 unmarked - for cor. of secs. 35 and 36 Bearing N. 32° E. 320 ft. above ravine, 49 lks. from which
82.00	No suitable bearing trees available.
83.00	Land, rough and mountainous; general S. drainage.
84.00	Soil, rocky of quartz formation; 4th. rate.
85.00	Timber, scattering cedar and pinon.
86.00	Undergrowth, live oak, manzanita, shppard, mountain rush, sage and green brush. Fair grazing land.
87.00	Passes through timber, 4th. rate.
88.00	West, along S. bdy. sec. 35, T.38 S., R.19 W.
89.00	Over mountainous land through scattering timber and dense undergrowth.
19.20	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for sec. cor. N. bdy. sec. 2, T.39 S., R.19 W., with brass cap marked

North Boundary of T. 39 S., R. 19 W.

chains

T 38 S R 19 W S 2 B T
1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

No suitable bearing trees available.

Cor. stands 175 ft. below cor. of secs. 35 and 36.

40.00 Draw, 150 ft. below $\frac{1}{2}$ sec. sec. 2, drains S.E.

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor. S. bdy. sec. 35, T.38 S., R.19 W., with brass cap marked

$\frac{1}{2}$ S35
1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

from which

A pinon, 6 ins. diam., bears $N.79\frac{1}{4}^{\circ}W.$, 215 lks.

dist., marked $\frac{1}{2}$ S 35 B T

No other trees available.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Ascend.

51.70 Spur, 75 ft. above draw, projects SW.; descend W. slope 200 ft. to

59.20 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 24 and 35, T.39 S.,R.19 W., with brass cap marked

T38SR19W
S35
1921

A cedar, 8 ins. diam., bears $S.38^{\circ}E.$, 66 lks.

dist., marked T 39 S R 19 W S 2 B T

A cedar, 10 ins. diam., bears $S.26^{\circ}W.$, 90 lks.

dist., marked T 39 S R 19 W S 3 B T

62.70 Steep ravine, 120 ft. below cor. of secs. 2 and 3, drains SW.; ascend steep E. slope.

80.00 On general E. slope 450 ft. above ravine.

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins.

North Boundary of T.39 S., R.19 W.

chains	in the ground for cor. of secs. 34 and 35, T.38 S., R.19 W.; with brass cap marked
note	Brass cap: 2 sides engraved "S3" and "1921".
route	T38S | R19W S34 | S35
time	10:00 A.M.
distance	... 1/2 mi. N. of sec. 34, base of ridge, 100 ft. above sec. 35.
soil	S3 T39S 1921
climate	Ridge, P. Mt. S. aspect, 60°. No rain, no snow, no frost.
geography	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
flora	No suitable bearing trees are available.
fauna	Land, rough and mountainous; general S. drainage.
soil	Soil, rocky of limestone and quartz formation; 4th. rate.
timber	Timber, scattering cedar and pinon.
undergrowth	Undergrowth, manzanita, live oak, green and sagebrush,
water	owiump and mountain rush. Fair grazing land.
note	West, along S. bdy. sec. 34, T.38 S., R.19 W.
route	Ascend over mountainous land through scattering timber
time	and dense undergrowth.
distance	Ridge, 50 ft. above sec. cor., bears N. and S.; descend
soil	W. slope.
flora	Ridge, 50 ft. above sec. cor., bears N. and S.; descend
fauna	W. slope.
soil	Ravine, 140 ft. below ridge, drains S.; gradually ascend.
flora	Spur, 60 ft. above ravine, projects S.
fauna	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in
soil	the ground for ¼ sec. cor. N. bdy. sec. 3, T.39 S.,
flora	R.19 W., with brass cap marked
note	1/2 S3 1921
route	Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
time	Gradually descend W. slope 100 ft. to
distance	Set an iron post, 3 ft. long; 1 in. in dia., 24 ins. in
soil	the ground for ¼ sec. cor. S. bdy. sec. 34, T.38 S.,
flora	R.19 W., with brass cap marked
fauna	1/2 S34
soil	Gradually descend E. slope 100 ft. to
flora	Set an iron post, 3 ft. long; 1 in. in dia., 24 ins. in
fauna	the ground for ¼ sec. cor. sec. 34, drains S.;
soil	Ravine, 100 ft. below ¼ sec. cor. sec. 34, drains S.;
flora	ascend E. slope.

North Boundary of T.39 S., R.19 W.

chains	51.30	Spur, 150 ft. above ravine, projects S.; descend W. slope.
	58.60	Ravine, 175 ft. below spur, drains S.; ascend E. slope.
	59.20	On E. slope 35 ft. above ravine. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 3 and 4, T.39 S., R. 19 W.; with brass cap marked
		T38SR19W S34 S4 | S3 T39S | R19W 1921
		A pinon, 8 ins. diam., bears S. 52° E., 87 lks. dist., marked T 39 S R 19 W S 3 B T No other trees available.
		Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Continue ascent E. slope.
76.30		Ridge, 350 ft. above cor. of secs. 3 and 4, bears N. and S.; descend W. slope 100 ft. to
80.00		Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for cor. of secs. 33 and 34, T.38 S., R.19 W., with brass cap marked
		T38S | R19W S33 | S34 S4 T39S 1921
		A pinon, 14 ins. diam., bears N. 12° E., 117 lks. dist., marked T 38 S R 19 W S 34 B T
		A pinon, 12 ins. diam., bears N. 40° W., 67 lks. dist., marked T 38 S R 19 W S 33 B T
		Land, rough and mountainous; general S. drainage.
		Soil, gravelly and rocky of quartz and limestone formation; 4th. rate.
		Timber, scattering cedar and pinon.
		Undergrowth, live oak, manzanita, green, black, sage, buck brush and cactus. Fair grazing land.

NORTH. North Boundary of T.39 S., R.19 W.

chains	West, along S. bdy. sec. 33, T.38 S., R.19 W.
	Over mountainous land through scattering timber and dense undergrowth. Descend.
19.20	Draw, 400 ft. below sec. cor., drains NW. Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor. N. bdy. sec. 4, T.39 S., R. 19 W., with brass cap marked
	<u>1921</u>
	from which
	A cedar, 4 ins. diam., bears S. $37\frac{1}{4}$ ° E., 96 lks. dist., marked $\frac{1}{4}$ S 4 B T
	No other trees available.
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
	Ascend general E. slope.
29.90	Spur, 120 ft. above draw, projects NW.; descend NW. slope 160 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor. S. bdy. sec. 33, T.38 S., R.19 W., with brass cap marked
	<u>1921</u>
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
	No suitable bearing trees available.
59.20	Set an iron post, 3 ft. long, 2 ins. in dia., 16 ins. in the ground on solid rock and 8 ins. in a mound of stone for cor. of secs. 4 and 5, T.39 S., R.19 W., with brass cap marked
	T38SR19W S33
	S5 | S4 T39S' R19W' B33
	1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
	No suitable bearing trees available.
74.40	Bottom of Slaughter Creek and ravine 2 lks. wide, 1 in. deep, good water, 224 ft. below cor. of secs. 4 and 5,

at North Boundary of T.39 S., R.19 W.

chains	course S.; Ascend E. slope 160 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground and mound of stone for cor. of secs. 32 and 33, T.38 S., R.19 W., with brass cap marked,
	T38S R19W S32 S33
	S5
	T39S 1921
	from which
	A cedar, 14 ins. diam., bears N. $63\frac{1}{2}$ °E., 23 lks. dist., marked T 38 S R 19 W S 33 B T
	A cedar, 6 ins. diam., bears N. $4\frac{1}{2}$ °W., 16 lks. dist., marked T 38 S R 19 W S 32 B T
	Land, rough and mountainous; general S. drainage. Soil, shallow loam and rocky of quartz and limestone formation; 4th. rate.
	Timber, scattering cedar and pinon. Undergrowth, live oak, manzanita, green, black, sage, buck brush and cactus. Fair grazing land.
	West, along S. bdy. sec. 32, T.38 S., R.19 W. Ascend over mountainous land through scattering timber and dense undergrowth.
3.40	Ridge, 100 ft. above cor., bears N. and S.; descend.
19.20	Draw, 200 ft. below ridge, drains S.
	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor. N. bdy. sec. 5, T.39 S., R.19 W., with brass cap marked
	S5 1921
	from which
	A cedar, 14 ins. diam., bears S. $27\frac{1}{2}$ °W., 124 lks. dist., marked $\frac{1}{4}$ S 5 B T
	No other trees available.
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor. Ascend E. slope 180 ft. to

North Boundary of T.38 S., R.19 E.

chains

40.00

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in
the ground for 1 sec. cor. S. bdy. sec. 32, T.38 S.,
R.19 E., with brass cap marked

S 32

1921

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
No suitable bearing trees available.

Continue ascent.

59.20

Ridge, 280 ft. above 1 sec. cor. sec. 32, bears N. and S.
Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins.
in the ground for cor. of secs. 5 and 6, T.38 S., R.
19 E., with brass cap marked

T38CR19E
S32

S6	S6,
T39S	R19W

1921

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.
No suitable bearing trees available.

Descend W. slope.

80.00

Draw, 150 ft. below ridge, drains SW.

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in
the ground for cor. of secs. 31 and 32, T.38 S., R.19 E.,
with brass cap marked

T38S R19E
S31 S32

S6
T39S
1921

from which

A cedar, 4 ins. diam., bears N.72°E., 123 lks.

dist., marked T 38 S R 19 E S 32 S T

A cedar, 12 ins. diam., bears N.10°E., 129 lks.

dist., marked T 38 S R 19 E S 31 S T

Land, rough and mountainous; general S. drainage.

Soil, shallower loam, limestone and quartz formation; 4th.
rate.

Timber, scattering cedar and pine.

North Boundary of T.39 S., R.19 W.

chains	Undergrowth, live oak, sage, buck, green brush and mountain rush. Fair grazing land.
	West, along S. bdy. sec. 31, T.38 S., R.19 W.
	Ascend over mountainous land through scattering timber and dense undergrowth.
19.00	Spur, 125 ft. above sec. cor., projects S.; descend.
19.20	Point for $\frac{1}{2}$ sec. cor. falls on surface rock; mark (X) for exact cor. point, and over same, set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in a large mound of stone for $\frac{1}{2}$ sec. cor. N. bdy. sec. 6, T.39 S., R.19 W., with brass cap marked
	$\frac{1}{2}$ S6 1921
	No suitable bearing trees available.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in a mound of stone on bedrock for $\frac{1}{2}$ sec. cor., S. bdy. sec. 31, T.38 S., R.19 W., with brass cap marked
	$\frac{1}{2}$ S 31 1921
	from which
	A cedar, 4 ins. diam., bears N. $21\frac{1}{2}^{\circ}$ E., 65 lks. dist., marked $\frac{1}{2}$ S 31 B T
	A cedar, 12 ins. diam., bears N. $29\frac{1}{4}^{\circ}$ W., 85 lks. dist., marked $\frac{1}{2}$ S 31 B T
	Cor. stands 300 ft. below spur.
55.44	Telephone line, bears N. and S.
59.02	Cor. of T.39 S., Rs. 19 and 20 W. later established at this point; see survey of W. bdy. of this tp.
78.89	Allowing for convergency. Set an iron post, 3 ft. long, 3 ins. in dia., 6 ins. in the ground and in a mound of stone for cor. of T. 38 S., Rs. 19 and 20 W., with brass cap marked
	T38S R20W | R19W S36 | S31
	S1 T39S 1921

North Boundary of T.39S., R.19 W.

chains

from which

A pinon, 12 ins.diam., bears N. 41° E., 163 lks.

dist., marked T 38 S R 19 W S 31 B T

A cedar, 6 ins.diam., bears N. $16\frac{1}{2}^{\circ}$ E., 191 lks.

dist., marked B T

Land, rough and mountainous; general SW. drainage.

Soil, rocky of quartz formation; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, live oak, almo, sage, owoimp, manzanita, black and buck brush. Fair grazing land.

WEST BOUNDARY OF T.39 S., R.19 W.

From the cor. of Tps. 39 and 40 S., Rs. 19 and 20 W.

which is an iron post, 3 ins. in dia., established by me and described in the field notes of the survey of T.40 S., R.19 W. this group.

North, bet. secs. 31 and 36.

Descend N. slope over mountainous land through medium growth of timber and undergrowth.

Ravine, 275 ft. below tp. cor., drains NE.; ascend SE. slope.

Spur, 100 ft. above ravine, projects NE.

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$
S36 | S31

1921

from which

A cedar, 8 ins.diam., bears S. $72\frac{1}{2}^{\circ}$ E., 7 lks.

dist., marked $\frac{1}{2}$ S 31 B T

A pinon, 14 ins.diam., bears S. 30° W., 20 lks.

dist., marked $\frac{1}{2}$ S 36 B T

Descend N. slope.

Bunker Peak Wash, 120 ft. below spur, drains SE.; ascend S. slope.

West Boundary of T. 39 S., R. 19 W.

chains		direction
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 25, 30, 31 and 36, with brass cap marked	
		T39S R20W | R19W S25 | S30 S36 | S31 1921
	from which	A pinon, 8 ins.diam., bears N. $66\frac{1}{2}$ ^o E., 109 lks. dist., marked T 39 S R 19 W S 30 B T
		A cedar, 8 ins.diam., bears S. 51° E., m 110 lks. dist.,marked T 39 S R 19 W S 31 B T
		A cedar limb, 8 ins.diam., bears S. 22° W., 3 lks. dist.,marked T 39 S R 20 W S 36 B T
		A cedar limb, 8 ins.diam., bears N. 62° W., 6 lks. dist.,marked T 39 S R 20 W S 25 B T
	Land, rough and mountainous; general SE. drainage.	
	Soil, rocky of quartz and limestone formation; 4th. rate.	
	Timber, medium growth cedar and pinon.	
	Undergrowth, oak, sage, mountain rush and green brush.	
	Fair grazing land.	
34.20	North, bet. secs. 25 and 30. Ascend S. slope over mountainous land, through dense timber and undergrowth.	
40.00	Top of Bull Mountain, 550 ft. above sec. cor. and 925 ft. above Bunker Peak Wash, bears NW. and SE.; gradually descend 75 ft. to	
	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked	
		T 39 S R 20 W S 30 B T
	from which	A cedar, 6 ins.diam., bears N. $18\frac{1}{2}$ ^o E., 134 lks. dist.,marked $\frac{1}{4}$ S 30 B T

West Boundary of T.39 S., R.19 W.

chains	
43.80	A cedar, 16 ins.diam.,bears S.4°W., 72 lks. dist.,marked $\frac{1}{4}$ S 25 B T Wash, 90 ft. below $\frac{1}{4}$ sec. cor., drains E.; ascend S. slope.
48.50	Spur, 150 ft. above wash, projects SE.; descend N. slope.
61.30	Small draw, 100 ft. below spur, drains NE.; ascend.
71.30	Spur, 45 ft. above draw, projects NE.; descend N. slope.
80.00	On general N. slope 150 ft. below spur. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 19,24,25 and 30, with brass cap marked
90.00	T39S R20W | R19W S24 | S19 | S25 | S30 1921.
	"from which you go down to Bear Creek Bridge"
	A cedar, 6 ins.diam.,bears N.34 $\frac{1}{2}$ °E., 171 lks. dist.,marked T 39 S R 19 W S 19 B T
	A cedar, 8 ins.diam.,bears S.29 $\frac{3}{4}$ °E., 37 lks. dist.,marked T 39 S R 19 W S 30 B T
	A cedar, 6 ins.diam.,bears S.58 $\frac{1}{2}$ °W., 49 lks. dist.,marked T 39 S R 20 W S 25 B T
	A cedar, 3 ins.diam.,bears N.20°W., 19 lks. dist.,marked T 39 S R 20 W S 24 B T
	Land, rough and mountainous; general E. drainage. Soil, rocky of quartz formation; 4th. rate. Timber, cedar and pinon. Undergrowth, manzanita, live oak, buck, sagebrush and mountain rush. Fair grazing land.
	North, bet. secs. 19 and 24. Descend NW. slope over rough mountainous land through dense timber and undergrowth.
11.20	Ravine, 40 ft. below sec. cor., drains SE.; ascend S. slope.
37.00	Spur, 400 ft. above ravine, projects W.; descend NE. slope 40 ft. to

West Boundary of T.39 S., R.19 W.

chains				
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked	$\frac{1}{4}$	S24	S19
				1921
	from which			
	A pinon, 6 ins. diam., bears N. $65\frac{1}{2}^{\circ}$ E., 44 lks. dist., marked $\frac{1}{2}$ S 19 B T			
	A pinon, 8 ins. diam., bears N. $39\frac{3}{4}^{\circ}$ W., 63 lks. dist., marked $\frac{1}{2}$ S 24 B T			
46.20	Ravine, drains E., 175 ft. below $\frac{1}{4}$ sec. cor.; asc.			
72.00	Ridge, bears E. and W., 220 ft. above ravine; desc. 100 ft. to			
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground and mound of stone for the cor. of secs. 13, 18, 19 and 24, with brass cap mkd.			
		T39S	R20W	R19W
		S13	S18	
		S24	S19	
	1921			
	from which			
	A pinon, 16 ins. diam., bears N. $42\frac{3}{4}^{\circ}$ E., 190 lks. dist., marked T39S R19W S18 BT.			
	A cedar, 12 ins. diam., bears S. 66° E., 154 lks. dist., marked T39S R19W S19 BT.			
	A cedar, 8 ins. diam., bears S. $5\frac{1}{2}^{\circ}$ W., 55 lks. dist., marked T39S R20W S24 BT.			
	A pinon, 3 ins. diam., bears N. $87\frac{1}{2}^{\circ}$ W., 13 lks. dist., marked BT.			
	Land, mountainous; general W. drainage.			
	Soil, gravelly and rocky of quartz formation; 4th. rate.			
	'Timber, cedar and pinon.			
	Undergrowth, live oak, almond brush, sage, black and buck brush. Fair grazing land.			
	North, bet. secs. 13 and 18.			

West Boundary of T.39 S., R.19 W.

chains	Descend over rolling mountainous land through dense timber and undergrowth.
30.50	Ravine, drains E., 225 ft. below sec. cor., ascend S. slope.
37.00	Spur, projects E., 200 ft. above ravine; descend N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked
	$\frac{1}{2}$ S 13 B T 18
	S13 | S18
	1921
	from which
	A pinon, 10 ins. diam., bears S. $83\frac{1}{2}$ ° E., 85 lks.
	dist., marked $\frac{1}{2}$ S 18 B T 13
	A cedar, 8 ins. diam., bears N. $40\frac{3}{4}$ ° W., 65 lks.
	dist., marked $\frac{1}{2}$ S 13 B T 18
	Cor. stands on general N. slope 125 ft. below spur.
47.50	Ravine, drains NE., 200 ft. below $\frac{1}{2}$ sec. cor.; ascend.
51.60	Spur, projects E., 150 ft. above ravine; descend.
72.80	Ravine, drains SE., 275 ft. below spur; ascend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for cor. of secs. 7, 12, 13 and 18, with brass cap marked
	T 39 S. R 19 W S 18 B T 13
	R20W R19W
	S12 S7
	S13 | S18
	1921
	from which
	A cedar, 8 ins. diam., bears N. 39° E., 152 lks.
	dist., marked T 39 S R 19 W S 7 B T
	A cedar, 4 ins. diam., bears S. 81° E., 51 lks.
	dist., marked T 39 S R 19 W S 18 B T
	A cedar, 6 ins. diam., bears S. $46\frac{3}{4}$ ° W., 211 lks.
	dist., marked T 39 S R 20 W S 13 B T
	A cedar, 8 ins. diam., bears N. 38° W., 310 lks.
	dist., marked T 39 S R 20 W S 12 B T
	S12 | S13
	Cor. stands 125 ft. above ravine.

West Boundary of T.39 S., R.19 W.

chains	
	Land, rough and mountainous; general E. drainage Soil, shallow loam and rocky of quartz formation; 4th. rate, 100 ft. above wash. 100 ft. below, elevation 68.00 Timber, cedar and pinon.
	Undergrowth, live oak, almond, green, sage, black and buck brush. Fair grazing land.
	North, bet. secs. 7 and 12.
	Ascend over mountainous land through medium growth timber and undergrowth.
14.80	Spur, projects SE., 215 ft. above sec. cor.; descend.
25.30	Ravine, drains E., 100 ft. below spur; ascend.
37.30	Spur, projects E., 120 ft. above ravine; descend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked S12 | S7 1921 from which point J3 S7 B T A cedar, 6 ins. diam., bears N. $59\frac{1}{2}$ ° E., 47 lks.
	dist., marked $\frac{1}{4}$ S 7 B T
	Cor. stands on N. slope 80 ft. below spur; continue descent.
64.70	Beaver Dam Wash, small stream of water in same, course SE., 325 ft. below spur; ascend.
79.60	Point for cor. of secs. 1, 6, 7 and 12 will fall on ledge where cor. cannot be set, therefore at this point, Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for witness cor. to the cor. of secs. 1, 6, 7 and 12, with brass cap marked WC T39S. R20W R19W S1 | S6 S12 | S7 1921

West Boundary of T.39 S., R.19 W.

chains	from which A pinon, 6 ins. diam., bears N.11° E., 117 lks. dist., marked W.C T 39 S R 19 W S 6 B T A pinon, 4 ins. diam., bears S.59° E., 76 lks. dist., marked W C T 39 S R 19 W S 7 B T A pinon, 16 ins. diam., bears S.13 $\frac{1}{2}$ ° W., 35 lks. dist., marked W C T 39 S R 20 W S 12 B T No other trees available.
80.00	True point for cor. of secs. 1,6,7 and 12 falls on ledge where it is impossible to set cor. Land, rough and mountainous; general SE. drainage. Soil, shallow loam and rocky of quartz formation; 4th. rate. Timber, cedar and pinon. Undergrowth, sage, live oak, almond, green, black and buck brush. Fair grazing land.
	----- North, bet. secs. 1 and 6 Ascend over rough mountainous land through medium growth timber and undergrowth.
19.00	Telephone line, bears NW. and SE.
36.00	Telephone line, bears NE. and SW. on top of spur, projects SW., 400 ft. above sec. cor.; descend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked
	S1 | S6 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No suitable bearing trees available. Cor. stands in small draw, drains W., 20 ft. below spur; ascend.
53.40	Spur, projects W., 225 ft. above $\frac{1}{2}$ sec. cor.; descend.
61.00	Ravine, drains W., 100 ft. below spur; ascend.
74.15	Intersect S. bdy. of T.38 S., R.19 W., East, 19.87 chs. distant from the cor. of T. 38 S., Rs. 19 and 20 W. heretofore described.

West Boundary of T.39 S., R.19 W.

chains	At point of intersection, Set an iron post, 3 ft. long, 3 ins. in dia., 16 ins. in the ground on solid rock and 10 ins. in a mound of stone for cor. of T.39 S., Rs. 19 and 20 W., with brass cap marked	15.00	15.00
	T38SR19W S31 S1 S6 R20W R19W	15.00	15.00
	T39S 1921	15.00	15.00
	Deposit a stone, marked (X) on one face at base of iron post. No suitable bearing trees available. Cor, stands 175 ft. above ravine. Land, mountainous; general SW. drainage. Soil, shallow loam and rocky of quartz formation; 4th. rate. Timber, cedar and pinon. Undergrowth, live oak, sage, green and buck brush. Fair grazing land.	15.00	15.00
positions	SUBDIVISION OF T.39 S., R.19. W.	15.00	15.00
15.00	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the tp., which is an iron post, 2 ins. in dia., es- tablished by me and described in the field notes of the survey of T.40 S., R.19 W.	15.00	15.00
25.50	N.0°01'W., bet. secs. 35 and 36.	15.00	15.00
40.00	Descend over rough mountainous land through medium growth timber and dense undergrowth. Ravine, drains W., 180 ft. below cor.; ascend. Ridge, bears E. and W., 200 ft. above ravine; descend. Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked	15.00	15.00
	1/4 cor. with brass cap marked	15.00	15.00
	S35 S36	15.00	15.00
	1921	15.00	15.00
	from which bedrock projected	15.00	15.00

Subdivision of T.39 S., R.19 W.

27

chains	A pinon, 6 ins. diam., bears $S.32\frac{1}{2}^{\circ}$ E., 159 lks. dist., marked $\frac{1}{4}$ S 36 B T
	A pinon, 6 ins. diam., bears $N.80\frac{1}{2}^{\circ}$ W., 6 lks. dist., marked $\frac{1}{4}$ S 35 B T
	Cor. stands on general N. slope 310 ft. below ridge; continues in general direction of ridge, but continues to descend.
43.80	Ravine, drains W., 100 ft. below $\frac{1}{4}$ sec.cor.; road in ravine, bears E. and W.; ascend.
63.90	Ridge, bears E. and W., 225 ft. above ravine; gradually descend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. in the ground on solid rock and 14 ins. in a mound of stone for cor. of secs. 25, 26, 35 and 36, with brass cap marked
	T39S R19W S25 | S26 | S25 S35 | S36 | S35 1921
	from which
	A cedar, 8 ins. diam., bears $N.19\frac{3}{4}^{\circ}$ E., 210 lks. dist., marked T 39 S R 19 W S 25 B T
	A cedar, 6 ins. diam., bears $S.17\frac{3}{4}^{\circ}$ E., 90 lks. dist., marked T 39 S R 19 W S 36 B T
	A cedar, 6 ins. diam., bears $S.20\frac{3}{4}^{\circ}$ W., 169 lks. dist., marked T 39 S R 19 W S 35 B T
	A cedar, 12 ins. diam., bears $N.23\frac{1}{2}^{\circ}$ W., 136 lks. dist., marked T 39 S R 19 W S 26 B T
	Cor. stands on edge of slope of ravine, 150 ft. below ridge.
	Soil, gravelly and rocky of limestone formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, buck, sage, green and black brush. Fair grazing land.
	Bearings random line bet. secs. 25 and 36. 05.15
40.00	Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T.39 S., R.19 W.

chains 80.09	Intersect E. bdy. of the tp. 14 lks. N. of the cor. of secs. 25, 30, 31 and 36. Thence N. 89° 52' W., on true line bet. secs. 25 and 36. Ascend over rolling mountainous land through medium growth of timber and undergrowth.
4.30	Spur, projects SW., 100 ft. above sec. cor.; descend.
32.40	Ravine, drains S., 250 ft. below spur.; ascend.
40.04	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 20 ins. in a mound of stone for 1 sec. cor., with brass cap marked
	S 25 1921
	from which
	A cedar, 3 ins. diam., bears S. 15° W., 100 lks. dist., marked B T
	A cedar, 3 ins. diam., bears N. 16 ¹ ° E., 82 lks. dist., marked B T
	Deposit a stone marked (X) alongside iron post.
	Cor. stands 75 ft. above ravine; continue ascent.
45.10	Ridge, bears N. and S., 25 ft. above 1 sec. cor.; descend.
80.09	The cor. of secs. 25, 26, 35 and 36, 600 ft. below ridge. Land, mountainous; drains SW. Soil, gravelly and rocky of limestone formation; 4th. rate. Timber, cedar and pinon. Undergrowth, buck, sage, green and black brush, mountain rush and spanish dagger. Fair grazing land.
	N. 0° 01' W., bet. secs. 25 and 26.
	Ascend from draw which drains SW., over mountainous land through scattering timber and dense undergrowth.
4.00	Spur, projects SW., 110 ft. above draw; descend.
19.70	Ravine, drains W., 250 ft. below spur; ascend.
31.50	Spur, projects W., 250 ft. above ravine; descend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in

Subdivision of T.39 S., R.19 W.

chains

the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

and to S. 26 N. 25 and S. 25 N. 26, 100.00 ft.

S 26 | S 25

1921

A cedar, 6 ins. diam., bears N.59 $\frac{1}{2}$ $^{\circ}$ E., 33 lks.A cedar, 6 ins. diam., bears N.59 $\frac{1}{2}$ $^{\circ}$ E., 33 lks.dist., marked $\frac{1}{4}$ S 25 B TA pinon, 6 ins. diam., bears S.86 $^{\circ}$ W., 69 lks.dist., marked $\frac{1}{4}$ S 26 B T

Cor. stands 175 ft. below spur; continue descent.

74.00

East Fork of Beaver Dam Wash, drains SW., 150 ft. below
 $\frac{1}{4}$ sec. cor.; road in wash, bears NE. and SW.; ascend.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in
the ground for cor. of secs. 23, 24, 25 and 26, with
brass cap marked

T39S R19W

S23 S24

S26 S25

1921

from which

A pinon, 12 ins. diam., bears N.26 $^{\circ}$ E., 150 lks.

dist., marked T 39 S R 19 W S 24 B T

A cedar, 6 ins. diam., bears S.38 $\frac{1}{2}$ $^{\circ}$ E., 36 lks.

dist., marked T 39 S R 19 W S 25 B T

A cedar, 8 ins. diam., bears S.59 $^{\circ}$ W., 53 lks.

dist., marked T 39 S R 19 W S 26 B T

A pinon, 12 ins. diam., bears N.12 $^{\circ}$ W., 149 lks.

dist., marked T 39 S R 19 W S 23 B T

Cor. stands 60 ft. above wash.

Land, rolling mountainous; drains SW.

Soil, gravelly and rocky of limestone formation; 4th.
rate.

Timber, cedar and pinon.

Undergrowth, live oak, sage, buck, green brush and mount-
ain rush. Fair grazing.S.89 $^{\circ}52'$ E., on a random line bet. secs. 24 and 25.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T.39 S., R.19 W.

- chains
80.00 Intersect E. bdy. of the tp. 37 lks. S. of the cor. of secs. 19, 24, 25 and 30.
Thence S.89°52'W., on true line bet. secs. 24 and 25.
Descend over mountainous land through dense timber and undergrowth.
Ravine, drains N., 170 ft. below sec. cor.; ascend.
Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked S 24
S 25
1921
from which A cedar, 4 ins.diam., bears S.83°E., 62 lks.
dist.,marked $\frac{1}{4}$ S 25 B T
A cedar, 16 ins.diam., bears N.7 $\frac{1}{2}$ °E., 50 lks.
dist.,marked $\frac{1}{2}$ S 24 B T
Cor. stands 25 ft. above ravine; continue ascent.
Spur, level with $\frac{1}{2}$ sec. cor., projects N.; descend.
East Fork of Beaver Dam Wash, drains SW., 150 ft. below spur; road in wash, bears NE. and SW.; ascend.
The cor. of secs. 23, 24, 25 and 26, 40 ft. above wash.
Land, rolling and mountainous; general SW. drainage.
Soil, shallow loam and rocky of sandstone and limestone formation; 4th. rate.
Timber, cedar and pinon.
Undergrowth, live oak, sage, buck, green, black brush and mountain rush. Fair grazing land.
N.0°01'W., bet. secs. 23 and 24.
Ascend over rolling mountainous land through dense timber and undergrowth.
Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

S23 S24
1921

Subdivision of T. 39 S., R. 19 W.

chains	from which dried water impounds back upon itself into several A cedar, 6 ins. diam., bears S. $46\frac{1}{2}$ ^o E., 19 lks.	and also
branches	dist., marked $\frac{1}{4}$ S 24 B T	192 ft.
etc.	A cedar, 12 ins. diam., bears N. $46\frac{1}{2}$ ^o W., 52 lks. dist., marked $\frac{1}{4}$ S 23 B T	192 ft.
	Cor. stands 375 ft. above sec. cor.; continue ascent.	
44.40	Spur, projects SE, 75 ft. above $\frac{1}{4}$ sec. cor.; descend.	
68.60	Ravine, drains SE., 175 ft. below spur; ascend.	
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 13, 14, 23 and 24, with brass cap mkd.	
	T. 39 S R19W S14 | S13 ----- S23 | S24 1921	
	from which	
	A cedar, 6 ins. diam., bears N. 56° E., 25 lks. dist., marked T 39 S R 19 W S 13 B T	
	A cedar, 4 ins. diam., bears S. 26° E., 23 lks. dist., marked T 39 S R 19 W S 24 B T	
	A cedar, 6 ins. diam., bears S. $14\frac{1}{2}^{\circ}$ W., 24 lks. dist., marked T 39 S R 19 W S 23 B T	
	A cedar, 4 ins. diam., bears N. $66\frac{1}{2}^{\circ}$ W., 60 lks. dist., marked T 39 S R 19 W S 14 B T	
	Cor. stands 175 ft. above ravine.	
	Land, mountainous; general S. drainage.	
	Soil, shallow loam and rocky of limestone formation; 4th. rate.	
	Timber, cedar and pinon.	
	Undergrowth, live oak, buck, black, sage and green brush and mountain rush. Fair grazing land.	
	N. $89^{\circ}52'$ E., on a random line bet. secs. 13 and 24.	
40.00	Set, temp. $\frac{1}{4}$ sec. cor. 10. and 0. inches A	
80.08	Intersect E. bdy. of the tp. at the cor. of secs. 13, 18, 19, and 24. extend, westward 0. inches A	
	Thence S. G. L. S. 10. and 0. inches A	
	S. $89^{\circ}52'$ W., on true line bet. secs. 13 and 24.	

Subdivision of T.39 S., R.19 W.

chains

Ascend over mountainous land through dense timber and undergrowth.

18.80 Ridge, bears N. and S., 350 ft. above sec. cor.; descend.

40.04 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

S 13

S 24

1921

from which

A cedar, 4 ins. diam., bears N. $31^{\circ} 30'$ E., 49 lks.

dist., marked $\frac{1}{2}$ S 13 B T

A cedar, 6 ins. diam., bears S. 34° E., 95 lks.

dist., marked $\frac{1}{2}$ S 24 B T

Cor. stands 200 ft. below ridge; continue descent.

76.40 Ravine, drains S.; 200 ft. below $\frac{1}{2}$ sec. cor.; ascend.

89.08 The cor. of secs. 13, 14, 23 and 24, 100 ft. above ravine.

Land, mountainous; general S! drainage.

Soil, shallow loam and rocky of limestone formation;
4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, sage, green, black, buck brush
and mountain rush. Fair grazing land.

N. $0^{\circ} 01' W.$, bet. secs. 13 and 14.

Ascend over mountainous land through dense timber and
undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in
the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

S14 | S13

1921

from which

A cedar, 6 ins. diam., bears N. $89^{\circ} 1' E.$, 49 lks.

dist., marked $\frac{1}{2}$ S 13 B T

A cedar, 8 ins. diam., bears N. $84^{\circ} W.$, 54 lks.

dist., marked $\frac{1}{2}$ S 14 B T

Cor. stands 120 ft. above sec. cor.; continue ascent.

Subdivision of T. 39 S., R. 19 W.

chains	
52.60	Spur, projects SW., 175 ft. above sec. cor.; descend.
64.60	Ravine, course SW., 180 ft. below spur; small stream of good water in bottom; ascend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for cor. of secs. 11, 12, 13 and 14, with brass cap marked
	T39S R19W S11 S12 S14 S13 1921
	from which a pinon stands.
	A pinon, 6 ins. diam., bears N. 86° E., 80 lks. dist., marked T 39 S R 19 W S 12 B T
	A pinon, 8 ins. diam., bears S. 19° E., 100 lks. dist., marked T 39 S R 19 W S 13 B T
	A pinon, 8 ins. diam., bears S. 6° W., 40 lks. dist., marked T 39 S R 19 W S 14 B T
	A pinon, 5 ins. diam., bears N. 47° W., 14 lks. dist., marked T 39 S R 19 W S 11 B T
	Cor. stands on slope of mountain 300 ft. above ravine. Land, rough and mountainous; general S. drainage. Soil, shallow loam and rocky of limestone formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, live oak, sage and green brush, manzanita, and chaparral. Fair grazing land.
	N. 89° 52' E., on a random line bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.04	Intersect E. bdy. of the tp., 5 lks. S. of the cor. of secs. 7, 12, 13 and 18.
	Thence S. 89° 50' W., on true line bet. secs. 12 and 13.
	Ascend over mountainous land through dense timber and undergrowth.
26.30	Ridge, bears NE. and SW., 400 ft. above sec. cor.; descend.
40.02	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in

Subdivision of T.39 S., R.19 W.

chains			
1.00	in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked		
20.00	to represent 1 chain; same method. S12	1.00	0.00
21.00	1.00 ft. added to reading. S13	1.00	0.00
21.00	July 5, 1921. A. J. Brown and J. H. Jones	1.00	0.00
21.00	from which the following differences were noted:		
21.00	between S12 and S13 a pinon, 10 ins. diam., bears N. $39\frac{1}{2}$ ° E., 40 lks.		
	dist., marked $\frac{1}{4}$ S 12 B T		
	A pinon, 8 ins. diam., bears South, 33 lks.		
	dist., marked $\frac{1}{2}$ S 13 B T		
	Cor. stands 200 ft. below ridge; continue descent.		
58.00	Ravine, course SW., .500 ft. below $\frac{1}{2}$ sec. cor., stream of good water in ravine; ascend.		
80.04	The cor. of secs. 11, 12, 13 and 14, 125 ft. above ravine. Land, rough and mountainous; general S. drainage.		
	Soil, shallow loam and rocky of quartz and limestone formation; 4th. rate.		
	Timber, cedar and pinon.		
	Undergrowth, sage and green brush; live oak, manzanita, and mountain rush. Fair grazing land.		
	N. 0° 01' W., bet. secs. 11 and 12.		
	Ascend over mountainous land through dense timber and undergrowth.		
26.00	Leave timber, bears E. and W. no. 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 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791, 792, 793, 794, 795, 796, 797, 798, 799, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 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1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 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1329, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359,		

Subdivision of T.39 S., R.19 W.

35

chains	the ground for cor. of secs. 1, 2, 11 and 12, with brass cap marked
	T39S R19W S2 | S1 +----- S11 S12 1921
	from which
	A scrub cedar, 4 ins. diam., bears N. $64\frac{1}{2}$ ° E., 126 lks. dist., marked B T
	A cedar, 4 ins. diam., bears S. $10\frac{3}{4}$ ° E., 39 lks. dist., marked T 39 S R 19 W S 12 B T
	A scrub cedar, 8 ins. diam., bears S. 61° W., 125 lks. dist., marked B T
	A cedar, 8 ins. diam., bears N. $70\frac{3}{4}$ ° W., 132 lks. dist. marked T 39 S R 19 W S 2 B T
	Cor., stands on top of small spur, projects SE., 80 ft. above ravine.
	Land, rough and mountainous; general S. drainage.
	Soil, shallow loam and rocky of quartz formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, sage, green brush, live oak and mountain rush. Fair grazing land.
	N. $89^{\circ}50'$ E., on a random line bet. secs. 1 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.25	Intersect E. bdy. of the tp. at the cor. of secs. 1, 6, 7 and 12. Thence
	S. $89^{\circ}50'$ W., on true line bet. secs. 1 and 12.
	Descend over mountainous land through medium growth timber and dense undergrowth.
38.00	Ravine, course S., 900 ft. below sec. cor., small stream of water in ravine; ascend.
40.12 $\frac{1}{2}$	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

Subdivision of T.39 S., R.19 W.

chains		S 17° .00' sec. cor. from which
		$\frac{1}{4}$ S 12 1921
		from which
		A cottonwood, 16 ins. diam., bears S.67°E., 257 lks. dist., marked $\frac{1}{4}$ S 12 B T
		A piñon, 10 ins. diam., bears N.83°W., 175 lks. dist., marked $\frac{1}{2}$ S 1 B T
		Cor. stands 75 ft. above ravine; continue ascent.
80.25		The cor. of secs. 1, 2, 11 and 12, 575 ft. above $\frac{1}{4}$ sec. cor. Land, rough and mountainous; general S. drainage. Soil shallow loam and rocky of quartz and limestone formation; 4th. rate.
		Timber, cedar and piñon.
		Undergrowth, sage, green, buck and black brush. Fair grazing land.
		N.0°01'W., on a random line bet. secs. 1 and 2.
40.00		Set temp. $\frac{1}{4}$ sec. cor.
74.40		Intersect N. bdy. of the tp., 18 lks. W. of the cor. of secs. 1 and 2.
		Thence
		S.0°07'W., on true line bet. secs. 1 and 2.
		Descend over mountainous land through scattering timber and dense undergrowth.
14.80		Ravine, course SE., 75 ft. below sec. cor., small stream of good water in ravine; ascend.
14.80		Ravine, drains SE.; ascend.
25.70		Spur, projects E., 100 ft. above creek; descend.
30.40		Ravine drains E., 100 ft. below spur; ascend.
34.40		Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked 80.25
		$\frac{1}{4}$ S 12 1921
		from which

Subdivision of T. 39 S., R. 19 W.

chains	A cedar, 6 ins. diam., bears N. $71\frac{3}{4}^{\circ}$ E., 27 lks. dist., marked $\frac{1}{4}$ S 1 B T
48.40	A pinon, 5 ins. diam., bears S. 59° W., 41 lks. dist., marked $\frac{1}{4}$ S 2 B T
	Cor. stands 75 ft. above ravine; continue ascent.
74.40	Spur, projects S. 60° E.; 325 ft. above $\frac{1}{4}$ sec. cor.; descend.
	The cor. of secs. 1, 2, 11 and 12, 100 ft. below spur.
	Land; rough and mountainous; general S. drainage.
	Soil, shallow loam and rocky of quartz and limestone formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, sage, green, buck and black brush. Fair grazing land.

	From the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the tp.; which is an iron post, 2 ins. diam., estab- lished by me and described in the field notes of the survey of T. 40 S., R. 19 W.
	N. $0^{\circ} 01'$ W., bet. secs. 34 and 35.
	Asc. over mountainous land, through dense timber and under- growth.
6.30	Spur, projects W., 25 ft. above sec. cor.; desc.
13.70	East Fork of Beaver Dam Wash, drains SW., 50 ft. below spur; asc.
27.00	Spur, projects E., 100 ft. above Wash; desc.
32.50	East Fork of Beaver Dam Wash, drains SE., 75 ft. below spur; asc.
37.30	Spur, projects W., 75 ft. above Wash; desc.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S 35 B T
	S34 | S35
	1921
	from which
	A cottonwood, 18 ins. diam., bears S. $39\frac{3}{4}^{\circ}$ E., 97 lks. dist., marked $\frac{1}{4}$ S 35 B T

Subdivision of T.39 S., R.19 W.

38

chains	A cottonwood, 8 ins. diam., bears N.40°W., 187 lks dist., marked $\frac{1}{4}$ S. 34 B T
	Cor. stands on E. side of East Fork of Beaver Dam Wash, 60 ft. below spur.
49.40	Same wash, course SW.; ascend.
57.10	Spur, projects E., 175 ft. above wash; descend.
67.50	Draw, drains E., 100 ft. below spur; ascend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 26, 27, 34 and 35, with brass cap marked
	T39S. R19W. S27 | S26 S34 | S35 1921
	from which
	A cedar, 10 ins. diam., bears N.75 $\frac{1}{2}$ E., 74 lks. dist., marked T. 39. S R. 19. W. S. 26. B T
	A cedar, 6 ins. diam., bears S.37 $\frac{1}{2}$ E., 15 lks. dist., marked T. 39. S R. 19. W. S. 35. B T
	A cedar, 6 ins. diam., bears S.69 $\frac{1}{2}$ W., 68 lks. dist., marked T. 39. S R. 19. W. S. 34. B T
	A cedar, 12 ins. diam., bears N.56°W., 58 lks. dist., marked T. 39. S R. 19. W. S. 27. B T
	Land, mountainous; general S. drainage. Soil, shallow loam and rocky of limestone formation; 4th. rate.
	Timber, cedar and pinon and a few cottonwood. Undergrowth, buck, green, black brush, spanish dagger and cactus. Fair grazing land.
	SB9°58'E.on random line bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N and S. line 5 lks. S. of cor. of secs. 25, 26, 35 and 36. Thence
	West, on true line bet. secs. 26 and 35. Ascend over rolling mountainous land through medium growth of timber and undergrowth.

0.89
Subdivision of T.39 S., R.19 W.

chains	
15.40	Spur, projects SW., 20 ft. above sec. cor.; descend.
39.98	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor.; with brass cap marked S 26
	A cedar, 3 ins. diam., bears S.27°E., 125 lks. dist., marked $\frac{1}{4}$ S 35 B T
	A cedar, 3 ins. diam., bears N.29 $\frac{3}{4}$ °W., 54 lks. dist., marked $\frac{1}{4}$ S 26 B T
	Cor. stands 200 ft. below spur; continue descent.
58.80	East Fork of Beaver Dam Wash, drains SW.; 240 ft. below $\frac{1}{4}$ sec. cor.; road in wash, bears NW. and SE.; ascend.
79.96	The cor. of secs. 26, 27, 34 and 35, 375 ft. above wash. Land, rolling mountainous; general SW. drainage. Soil, shallow sandy loam and rocky limestone forma- tion; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, live oak, buck, black, green and sage brush.
	Fair grazing land.
	N.0°01'W., bet. secs. 26 and 27.
	Asc. over rolling mountainous land, through dense timber and undergrowth.
13.30	Spur, projects E., 325 ft. above sec. cor.; desc.
25.50	Ravine, drains E., 110 ft. below spur; ascend.
38.20	Ridge, bears E. and W., 125 ft. above ravine; descend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor.; with brass cap marked
	S27 S26
	1921
	A pinon, 12 ins. diam., bears N.62 $\frac{1}{2}$ °E., 118 lks.

Subdivision of T.39 S., R.19 W.

chains	dist., marked $\frac{1}{4}$ S 26 B T A cedar, 3 ins. diam., bears S. $41\frac{1}{2}^{\circ}$ W., 62 lks. dist., marked B T Cor. stands 35 ft. below ridge; continue descent.	aneroid 08.61 08.61 08.61
72.60	Ravine, drains E., 450 ft. below $\frac{1}{4}$ sec. cor.; ascend.	
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 22, 23, 26 and 27, with brass cap marked	
	T39S | R19W S22 | S23 both S27 | S26 kabao A 1921	
	from which	
	A cedar, 6 ins. diam., bears N. $35\frac{3}{4}^{\circ}$ E., 41 lks. dist., marked T 39 S R 19 W S 23 B T	
	A cedar, 6 ins. diam., bears S. $70\frac{5}{8}^{\circ}$ E., 53 lks. dist., marked T 39 S R 19 W S 26 B T	
	A cedar, 3 ins. diam., bears S. $15\frac{1}{2}^{\circ}$ W., 86 lks. dist., marked B T	
	A cedar, 6 ins. diam., bears N. $72\frac{3}{4}^{\circ}$ W., 83 lks. dist., marked T 39 S R 19 W S 22 B T	
	Cor. stands on spur, projects SE., 60 ft. above ravine. Land, rough and mountainous; general SE. drainage. Soil, shallow brown loam and rocky of limestone formation; 4th. rate.	
	Timber, cedar, pinon and a few cottonwood. Undergrowth, buck, green and black brush, spanish dagger and cactus. Fair grazing land.	
	East, on a random line bet. secs. 23 and 26.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
79.90	Intersect N. and S. line 17 lks. S. of the cor. of secs. 23, 24, 25 and 26.	
	Thence	
	S. $89^{\circ}53'$ W., on true line bet. secs. 23 and 26.	
	Ascend over mountainous land through dense timber and undergrowth.	

Subdivision of T.39 S., R.19 W.

chains

39.95	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S 23 dist., marked $\frac{1}{4}$ S 26 B T A cedar, 8 ins.diam., bears N.39 $\frac{1}{4}$ °W., 46 lks. dist., marked $\frac{1}{4}$ S 23 B T Cor. stands 280 ft. above sec. cor.; continue ascent. Spur, projects SE., 40 ft. above $\frac{1}{4}$ sec. cor.; descend. Ravine, drains SE.; 250 ft. below spur; ascend. The cor. of secs. 22,23,26 and 27, 120 ft. above ravine. Land, rough and mountainous; general S. drainage. Soil, shallow brown loam and rocky of limestone formation; 4th. rate. Timber, cedar and pinon. Undergrowth buck, green and black brush, spanish dagger and cactus. Fair grazing land.
44.20	N.0°01'W., bet. secs. 22 and 23: Descend over mountainous land through dense timber and undergrowth.
40.00	Ravine, drains SE., 100 ft. below sec. cor.; ascend. Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S22 S23 dist., marked $\frac{1}{4}$ S 23 B T A cedar, 5 ins.diam., bears S.76°E., 116 lks. dist., marked $\frac{1}{4}$ S 23 B T A cedar, 4 ins.diam., bears S.87°W., 29 lks. dist., marked $\frac{1}{4}$ S 22 B T Cor. stands 210 ft. above ravine; continue ascent.
71.90	
79.90	

Subdivision of T.39 S., R.19 W.

chains	
42.20	Spur, projects W., 25 ft. above $\frac{1}{2}$ sec. cor.; descend.
49.80	Ravine, drains W., 90 ft. below spur; ascend.
74.00	Spur, projects W., 220 ft. above ravine; descend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 14,15,22 and 23, with brass cap marked
	T39S R19W S15 S14 <hr/> S22 S23 1921
	from which
	A cedar, 6 ins.diam., bears N.66°E., 10 lks. dist.,marked T 39 S R 19 W S 14 B T
	A cedar, 6 ins.diam., bears S.52°E., 60 lks. dist.,marked T 39 S R 19 W S 23 B T
	A cedar, 4 ins.diam., bears S.44 $\frac{1}{2}$ °W., 37 lks. dist.,marked T 39 S R 19 W S 22 B T
	A cedar, 6 ins.diam., bears N.62 $\frac{1}{2}$ °E., 14 lks. dist.,marked T 39 S R 19 W S 15 B T
	Cor. stands in small draw, drains W., 90 ft. below spur. Land, mountainous; general S. drainage. Soil, gravelly and rocky of quartz, granite and limestone formation; 4th. rate.
	Timber, cedar and pinon. Undergrowth, live oak, buck, black, sage, green brush and mountain rush. Fair grazing land.
	N.89°53'E., on a random line bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. and S. line 33 lks. N. of the cor. of secs. 13,14,23 and 24. Thence
	N.89° 53'W., on true line bet. secs. 14 and 23. Ascend over mountainous land through dense timber and undergrowth.
2.00	Spur, projects S., 60 ft. above sec. cor.; descend.

Subdivision of T.39 S., R.19 W.

chains

- 12.50 Ravine, drains SE., 120 ft. below spur; ascend.
- 40.03 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
 S 14
- S 23
1921
- from which
- A cedar, 4 ins.diam., bears N.61°E., 60 lks.
 dist.,marked $\frac{1}{4}$ S 14 B T
- A cedar, 4 ins.diam., bears S.8 $\frac{1}{4}$ °E., 23 lks.
 dist.,marked $\frac{1}{4}$ S 23 B T
- Cor. stands 250 ft. above ravine; continue ascent.
- 49.50 Ridge, pbeast NWN and SE., 250 ft. above $\frac{1}{4}$ sec. cor.; descend.
- 80.06 The cor. of secs. 14, 15, 22 and 23, 400 ft. below ridge. Land, mountainous; general S. drainage.
 Soil, shallow loam and rocky of limestone formation;
 4th. rate.
 Timber, cedar and pinon.
 Undergrowth, live oak, buck, green, black and sagebrush and mountainrush. Fair grazing land.
- N.0°01'W.; bet. secs. 14 and 15.
- Ascend over mountainous land through dense timber and undergrowth.
- 11.20 Spur, projects W., 40 ft. above sec. cor.; descend.
- 16.10 Ravine, drains SW., 75 ft. below spur; ascend.
- 37.30 Spur, projects W., 160 ft. above ravine; descend.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
 S15 | S14
 1921
- from which
- A cedar, 6 ins.diam., bears S.41 $\frac{1}{4}$ °E., 60 lks.
 dist.,marked $\frac{1}{4}$ S 14 B T

Subdivision of T.39 S., R.19 W.

chains	
	A pinon, 4 ins. diam., bears S.52°W., 48 lks. dist., marked B T
	Cor. stands in ravine, drains W., 100 ft. below spur; ascend.
46.00	Spur, projects W., 75 ft. above sec. cor.; descend.
64.10	Small draw, drains W., 50 ft. below spur; ascend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 10,11,14 and 15, with brass cap marked
	T39S R19W S10 | S11 ----- S15 | S14 1921
	from which
	A cedar, 6 ins. diam., bears N.39°E., 19 lks. dist., marked T 39 S R 19 W S 11 B T
	A cedar, 10 ins. diam., bears S.29 $\frac{1}{2}$ °E., 53 lks. dist., marked T 39 S R 19 W S 14 B T
	A cedar, 8 ins. diam., bears S.33 $\frac{1}{2}$ °W., 63 lks. dist., marked T 39 S R 19 W S 15 B T
	A cedar, 6 ins. diam., bears N.38 $\frac{1}{2}$ °W., 33 lks. dist., marked T 39 S R 19 W S 10 B T
	Cor. stands 75 ft. above ravine. Land, mountainous; general S. drainage. Soil, shallow brown loam, quartz and limestone formation; 4th. rate.
	Timber, cedar and pinon. Undergrowth, live oak, mountain rush, almond, green and sagebrush. Fair grazing land.
	S.89° 53'E., on a random line bet. secs. 11 and 14.
40.00	Set temp. sec. cor.
80.12	Intersect N. and S. line 9 lks. N. of the cor. of secs. 11,12,13 and 14.
	Thence
	N.89°49'W., on true line bet. secs. 11 and 14.

W.Q.L.S. Subdivision of T.39 S., R.19 W.

- cont'd

chains .24.00 Descend over mountainous land through dense timber and undergrowth. 1921 N. 10 sec. cor. 100 ft. above sec. cor.

24.40 Ravine, drains SE., 135 ft. below sec. cor.; ascend.

40.06 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 20 ins. in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked S 11 B T. 1921 N. 10 sec. cor. 100 ft. above sec. cor.

$\frac{1}{2}$ od. 3 ft. sec. cor. 100 ft. above sec. cor.

S 14

mi. east of 1921 N. 10 sec. cor. 100 ft. above sec. cor. from which 10 sec. cor. 100 ft. above sec. cor.

A cedar, 8 ins. diam., bears S. $70\frac{1}{2}^{\circ}$ W., 35 lks. dist., marked S 14 B T.

A pinon, 6 ins. diam., bears N. $2\frac{1}{2}^{\circ}$ W., 99 lks. dist., marked S 11 B T.

Cor. stands 60 ft. above ravine; continue ascent.

48.10 Ridge, bears NW. and SE., 160 ft. above $\frac{1}{2}$ sec. cor.; descend general W. slope.

80.12 The cor. of secs. 10, 11, 14 and 15. Land, rough and mountainous; general S. drainage. Soil, shallow loam and rocky of limestone formation; 4th. rate. 1921 N. 10 sec. cor. 100 ft. above sec. cor.

Timber, cedar and pinon. 1921 N. 10 sec. cor.

Undergrowth, live oak, buck, sage, manzanita and mountain brush. 1921 N. 10 sec. cor. 100 ft. above sec. cor.

Fair grazing land. 1921 N. 10 sec. cor. 100 ft. above sec. cor.

N. $0^{\circ}01'W.$, bet. secs. 10 and 11. Ascend over mountainous land through dense timber and undergrowth. 1921 N. 10 sec. cor. 100 ft. above sec. cor.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked S 11 B T. 1921 N. 10 sec. cor. 100 ft. above sec. cor.

from which A cedar, 3 ins. diam., bears N. $58\frac{1}{2}^{\circ}$ E., 104 lks. dist., marked B T.

Subdivision of T.39 S., R.19 W.

chains	A cedar, 3 ins. diam., bears S. 23° W., 27 lks. dist., marked B T
49.00	Cor. stands 400 ft. above sec. cor.; continue ascent. Ridge, bears E. and W., 100 ft. above sec. cor.; 80.00 to descend N. slope, but does 6 lks. before turning out
59.30	Ravine, drains SW., 200 ft. below ridge; ascend.
77.60	Ridge, bears NE. and SW.; 200 ft. above ravine; descend N. slope 25 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 2,3,10 and 11, with brass cap marked sec. cor. of secs. 2,3,10 and 11.
	T 39 S. R 19 W. J. A. 1921 S3 S2 S10 S11 from which goes a line of 60 lks. to point A A pinon, 6 ins. diam., bears N. 91° E., 177 lks. dist., marked T 39 S R 19 W S 2 B T
	A pinon, 4 ins. diam., bears S. 82° E., 88 lks. dist., marked T 39 S R 19 W S 11 B T
	A cedar, 6 ins. diam., bears S. 56° W., 140 lks. dist., marked T 39 S R 19 W S 10 B T
	A cedar, 6 ins. diam., bears N. 39° W., 152 lks. dist., marked T 39 S R 19 W S 3 B T
	Land, rough and mountainous; general S. drainage. Soil, shallow brown loam and rocky limestone formation; 4th. rate.
	Timber, cedar and pinon. Undergrowth sage, buck, green brush and mountain rush. Fair grazing land. 00.00 Undergrowth sage, buck, green brush and mountain rush. Fair grazing land. 00.00
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.15	Intersect N. and S. line 30 lks. N. of the cor. of secs. 1,2,11 and 12. Thence N. 89° 48' W., on true line bet. secs. 12 and 11.

Subdivision of T.39 S., R.19 W.

chains	Ascend over mountainous land across head of ravine through dense timber and undergrowth.
10.50	Ridge, bears N. and S., 120 ft. above sec. cor.; descend.
40.07 $\frac{1}{2}$	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked <u>S 2</u>
	<u>S 11</u>
80.00	Descent, 1,000 ft. noted. 1921
	from which ridge, 1150 ft. above sec. cor.
80.10	A cedar, 6 ins. diam., bears S. $13\frac{1}{2}^{\circ}$ E., 145 lks.
80.15	Ridge, 1150 ft. above sec. cor., marked $\frac{1}{4}$ S 11 B.T.
	A cedar, 6 ins. diam., bears N. $23\frac{1}{2}^{\circ}$ W., 57 lks.
80.20	Land, broken, broad dist., marked $\frac{1}{4}$ S 2 B.T.
	Cor. stands 525 ft. below ridge; continue descent.
55.45	Ravine, drains SW., 300 ft. below $\frac{1}{4}$ sec. cor.; ascend.
63.00	Ridge, bears NE. and SW., 125 ft. above ravine; descend.
80.15	The cor. of secs. 2, 3, 10 and 11, 140 ft. below ridge.
80.20	Land, rough and mountainous; general S. drainage.
	Soil, shallow brown loam and rocky of limestone formation; 4th. rate.
80.25	Timber, cedar and pinon.
	Undergrowth, live oak, sage, buck, green brush and mountain rush. Fair grazing land.
80.30	N. $0^{\circ}07' E.$, on a random line bet. secs. 2 and 3.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
74.00	Intersect N. bdy. of the tp. 11 lks. W. of the cor. of secs. 2 and 3.
	Thence
	S. $0^{\circ}12' W.$, on true line bet. secs. 2 and 3.
	Ascend over mountainous land through medium growth of timber and dense undergrowth.
4.10	Spur, projects SW., 65 ft. above sec. cor.; descend.
14.00	Ravine, drains SW., 320 ft. below spur; ascend.
27.90	Spur, projects SW., 325 ft. above ravine; descend.
34.00	Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 18 ins. in a mound of

Subdivision of T.39 S., R.19 W.

chains	stone for $\frac{1}{2}$ sec. cor., with brass cap marked S3 | S2 1921 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No suitable bearing trees available. Cor. stands 50 ft. below spur; continue descent. Ravine, drains SW., 425 ft. below $\frac{1}{2}$ sec. cor.; ascend. The cor. of secs. 2, 3, 10 and 11, 20 ft. above ravine. Land, very rough and mountainous; general S. drainage. Soil, rocky of quartz and granite formation; 4th. rate. Timber, cedar and pinon. Undergrowth, live and scrub oak, almond, sage and green brush. Fair grazing land.
66.90	From the cor. of secs. 3; 4, 33 and 34 on the S. bdy. of the tp.; which is an iron post, 2 ins. in dia., estab- lished by me and described in the field notes of the survey of T.40 S., R.19 W. N.0°02'W., bet. secs. 33 and 34.
74.00	Ascend over mountainous land through dense timber and undergrowth.
8.80	Telephone line, bears NW. and SE.
40.00	Set and iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked S33 | S34 1921
	from which A cedar, 4 ins. diam., bears S.68 $\frac{1}{2}$ E., 56 lks. dist., marked $\frac{1}{2}$ S 34 B T A cedar, 4 ins. diam., bears S.76 $\frac{1}{2}$ W., 72 lks. dist., marked $\frac{1}{2}$ S 33 B T Cor. stands 350 ft. above sec. cor.; continue ascent. Ridge, bears NW. and SE., 310 ft. above $\frac{1}{2}$ sec. cor.; descend.
61.20	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in

Subdivision of T.39 S., R.19 W.

chains

the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 27, 28, 33 and 34, with brass cap marked

T39S R19W

S28 S27

S33 S34

1921.

from which

A cedar, 6 ins. diam., bears N.65°E., 53 lks.

dist., marked T 39 S R 19 W S 27 B T

A pinon, 6 ins. diam., bears S.15 $\frac{1}{2}$ °E., 46 lks.

dist., marked T 39 S R 19 W S 34 B T

A cedar, 8 ins. diam., bears S.63°W., 135 lks.

dist., marked T 39 S R 19 W S 33 B T

A pinon, 6 ins. diam., bears N.67 $\frac{3}{4}$ °W., 125 lks.

dist., marked T 39 S R 19 W S 28 B T

Cor. stands in small draw, drains NW., 470 ft. below ridge.

Land, rough mountainous; general S. exposure.

Soil, shallow loam and rocky of limestone and quartz formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, buck brush and mountain rush.

Fair grazing land.

S.89°58'E. on random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.80 Intersect N. and S. line 9 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence

S.89°58'W., on true line bet. secs. 27 and 34.

Descend over rolling mountainous land through dense timber and undergrowth.

20.00 Ravine drains SE., 125 ft. below sec. cor.; ascend.

39.90 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

S 27

S 34

1921

Subdivision of T. 39 S., R. 19 W.

chains	from which
	A cedar, 16 ins. diam., bears S.35°W., 32 lks. dist., marked $\frac{1}{4}$ S 34 B T
	A cedar, 8 ins. diam., bears N.15°W., 35 lks. dist., marked $\frac{1}{4}$ S 27 B T
	Cor. stands 100 ft. above ravine; continue ascent.
64.50	Spur, projects N., 100 ft. above $\frac{1}{4}$ sec. cor.; descend.
79.80	The cor. of secs. 27, 28, 33 and 34, 100 ft. below spur. Land, mountainous; general S. drainage. Soil, shallow loam and rocky of limestone formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, live oak, mountain rush, greasewood, cactus, buck and black brush. Fair grazing land.
	N.0°02'W., bet. secs. 27 and 28.
	Descend over mountainous land through dense timber and undergrowth.
27.00	Ravine, drains SW., 100 ft. below sec. cor.; ascend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{2}$ sec. cor. passing west.
	S28 - S27
	1921
	from which
	A cedar, 12 ins. diam., bears N.64°E., 39 lks. dist., marked $\frac{1}{4}$ S 27 B T
	A cedar, 6 ins. diam., bears S.83°W., 47 lks. dist., marked $\frac{1}{4}$ S 28 B T
	Cor. stands 350 ft. above ravine; continue ascent.
59.00	Ridge, bears E. and W., 150 ft. above $\frac{1}{4}$ sec. cor.; desc.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground and mound of stone for cor. of secs. 21, 22, 27 and 28, with brass cap marked

Subdivision of T.39 S., R.19 W.

- chains 401
 T39S R19W
 S21 S22
 S28 S27
 1921
- from which
- A cedar, 6 ins.diam., bears N. $46\frac{3}{4}$ E., 63 lks.
 dist., marked T 39 S R 19 W S 22 B T
- A cedar, 8 ins.diam., bears S. 70° E., 54 lks.
 dist., marked T 39 S R 19 W S 27 B T
- A cedar, 6 ins.diam., bears S. 56° W., 59 lks.
 dist., marked T 39 S R 19 W S 28 B T
- A cedar, 8 ins.diam., bears N. $67\frac{3}{4}$ W., 72 lks.
 dist., marked T 39 S R 19 W S 21 B T
- Var. stands 220 ft. below ridge.
- Land, mountainous; general S. drainage.
- Soil, shallow brown loam and rocky of limestone formation; 4th. rate.
- Timber, cedar and pinon.
- Undergrowth, live oak, mountain rush, green and buck brush. Fair grazing land.
- N. $89^{\circ}58'$ E., on a random line bet. secs. 22 and 27.
- 40.00 Set temp. $\frac{1}{2}$ sec. cor.
- 80.28 Intersect N. and S. line 14 lks. N. of the cor. of secs. 22, 23, 26 and 27.
- Thence N. $89^{\circ}56'$ W.; on true line bet. secs. 22 and 27.
- Ascend over mountainous land through dense timber and undergrowth.
- 40.14 Set an iron post, 3 ft. long; 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked S 22
- S 27
 1921
- from which
- A cedar, 6 ins.diam., bears S. 1° E., 120 lks.
 dist., marked $\frac{1}{2}$ S 27 B T

Subdivision of T.39 S., R.19 W.

chains	A cedar, 6 ins.diam., bears N. $66\frac{1}{2}$ ^o W., 105 lks. dist., marked $\frac{1}{4}$ S 22 B T
	Cor. stands 100 ft. above sec. cor.; continue ascent.
69.00	Ridge, bears N. and S., 100 ft. above $\frac{1}{4}$ sec. cor.; descend.
80.28	The cor. of secs. 21,22,27 and 28, 210 ft. below ridge. Land, mountainous; general S. drainage. Soil rocky of limestone and quartzite formation; 4 th. rate. 6.6 miles, .005 min. 6 miles Timber, cedar and pinon.
	Undergrowth, mountain rush, live oak, buck, black, sage and green brush. Fair grazing land.
	N. $0^{\circ}02'$ W., bet. secs. 21 and 22.
	Ascend over mountainous land through dense timber and undergrowth.
23.00	Ridge, bears N. and SE., 225 ft. above sec. cor.; thence along top of ridge.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 22 B T
	iron post no. 21 and 22 S21 S22
	1921
	from which
	A cedar, 6 ins.diam., bears N. $46\frac{1}{2}$ ^o E., 38 lks. dist., marked $\frac{1}{4}$ S 22 B T
	A cedar, 8 ins.diam., bears N. $26\frac{1}{2}$ ^o W., 120 lks. dist., marked $\frac{1}{4}$ S 21 B T
	Continue along top of ridge gradually ascending.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 15,16,21 and 22, with brass cap marked
	T39S R19W S16 S15
	S21 S22
	1921
	from which

Subdivision of T.39 S., R.19 W.

chains	A pinon, 8 ins.diam., bears N. $48\frac{3}{4}$ ^o E., 147 lks. dist., marked T 39 S R 19 W S 15 B T
	A pinon, 10 ins.diam., bears S. $65\frac{3}{4}$ ^o E., 52 lks. dist., marked T 39 S R 19 W S 22 B T
	A pedar, 6 ins.diam., bears N. $38\frac{1}{4}$ ^o W., 49 lks. dist., marked T 39 S R 19 W S 16 B T
	No other trees available.
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, w.of cor. Cor. stands on top of ridge, 250 ft. above $\frac{1}{2}$ sec. cor. Land, mountainous; general S. drainage. Soil, gravelly and rocky of limestone, sandstone and quartz formation; 4th. rate. Timber, cedar and pinon.
	Undergrowth, live oak, spanish dagger, buck, sage and black brush. Fair grazing.
	S.89°56' E., on a random line bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line 7 lks. S. of the cor. of secs. 14,15,22 and 23. Thence
	N.89°59' W., on true line bet. secs. 15 and 22. Descend over mountainous land through dense timber and undergrowth.
11.30	Ravine, drains S., 100 ft. below sec. cor.; ascend.
40.02	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground and mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	S 15
	S 22
	1921
	from which
	A cedar, 8 ins.diam., bears N. $51\frac{1}{4}$ ^o E., 76 lks. dist., marked $\frac{1}{4}$ S 15 B T
	A cedar, 6 ins.diam., bears S. $40\frac{1}{2}$ ^o E., 46 lks. dist., marked $\frac{1}{4}$ S 22 B T
	Cor. stands 200 ft. above ravine; continue ascent.

Subdivision of T.39 S., R.19 W.

chains		
65.30	Ridge, bears NW. and SE., 600 ft. above $\frac{1}{2}$ sec. cor.; descend.	
80.04	The cor. of secs. 15, 16, 21 and 22, 200 ft. below ridge. Land, mountainous; general S. drainage.	
	Soil, rocky of quartzite and limestone formation; 4th. rate.	
	Timber, cedar and pinon.	
	Undergrowth, live oak, mountain rush, buck, sage and green brush. Fair grazing land.	
	N.0°02'W., bet. secs. 15 and 16.	
	Ascend along top of ridge over mountainous land through medium growth of timber and undergrowth.	
3.00	Ridge, bears E. and W., 100 ft. above sec. cor.; descend.	
30.70	Ravine, drains W., 400 ft. below ridge; ascend.	
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground and mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked	
		00.00
		$\frac{1}{4}$
	S16 | S15	
	1921	
	from which	
	A cedar, 8 ins. diam., bears S.84 $\frac{1}{2}$ E., 46 lks.	
	dist., marked $\frac{1}{4}$ S 15 B T	
	A cedar, 10 ins. diam., bears N.52 $\frac{1}{2}$ W., 71 lks.	
	dist., marked $\frac{1}{4}$ S 16 B T	
	Cor. stands 100 ft. above ravine; continue ascent.	
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for cor. of secs. 9, 10, 15 and 16, with brass cap marked	
	T39S R19W	
	S9 | S10	
	S16 | S15	
	1921	
	from which	
	A cedar, 6 ins. diam., bears N.42°E., 67 lks.	

Subdivision of T.39 S., R.19 W.

chains	dist., marked T 39 S R 19 W S 10 B T A cedar, 8 ins.diam., bears S. $34\frac{1}{2}$ ^o E., 38 lks.
	dist., marked T 39 S R 19 W S 15 B T A cedar, 10 ins.diam., bears S. $22\frac{1}{2}$ ^o W., 67 lks.
	dist., marked T 39 S R 19 W S 16 B T A cedar, 3 ins.diam., bears N. $29\frac{1}{2}$ ^o W., 16 lks.
	dist., marked T 39 S R 19 W S 9 B T Cor. stands on top of ridge, bears N. and SE., 600 ft. above $\frac{1}{4}$ sec. cor.
	Land, rough mountainous; general S. drainage.
	Soil, gravelly and rocky of limestone and quartz formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, live oak, buck, sage, black and green brush.
	Fair grazing land.
	S. $89^{\circ}59'$ E., on a random line bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line 12 lks. N. of the cor. of secs. 10, 11, 14 and 15. Thence N. $89^{\circ}54'$ W., on true line bet. sets. 10 and 15.
	Descend over rough mountainous land through dense timber and undergrowth.
16.70	Ravine, drains SE., 100 ft. below sec. cor.; ascend.
39.96	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S.10
	S.15 1921 from which
	A cedar, 6 ins.diam., bears N. 25° E., 37 lks.
	dist., marked $\frac{1}{4}$ S 10 B T A pinon, 6 ins.diam., bears S. 3° E., 42 lks.
	dist., marked $\frac{1}{4}$ S 15 B T Cor. stands 225 ft. above ravine; continue ascent.

Subdivision of T.39 S., R.19 W.

chains

66.90 Spur, projects SE., 300 ft. above $\frac{1}{2}$ sec. cor.; descend.

74.10 Ravine, drains SE., 150 ft. below spur; ascend.

79.92 The cor. of secs. 9, 10, 15 and 16, 150 ft. above ravine.
Land, rough mountainous; general S. drainage.
Soil, shallow loam and rocky, of quartz formation; 4th.
rate.

Timber, cedar and pinon.

Undergrowth, live oak, mountain rush, buck and sagebrush.
Fair grazing land.

N.0°02'W., bet. secs. 9 and 10.
Ascend over mountainous land along E. slope of top of ridge, through medium growth of timber and undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked

S9	S10
----	-----

1921

from which

A cedar, 6 ins. diam., bears N.10°E., 62 lks.
dist., marked $\frac{1}{4}$ S 10 B T

A cedar, 4 ins. diam., bears N.78°W., 16 lks.
dist., marked $\frac{1}{4}$ S 9 B T
Cor. stands on top of ridge, bears NW. and SE., 430 ft. above sec. cor.; descend along E. slope of ridge.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground and mound of stone for cor. of secs. 3, 4, 9 and 10, with brass cap marked

T39S	R19W
S4	S3
S9	S10

1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
No suitable bearing trees available.
Cor. stands 200 ft. below $\frac{1}{2}$ sec. cor.
Land, mountainous; general S. drainage.

Subdivision of T.39 S., R.19 W.

chains	Soil brown loam and rocky of limestone and quartz formation; 4th. rate.
•	Timber, cedar and pinon.
•	Undergrowth, live oak, manzanita, scrub oak, sage and almond brush. Fair grazing land.
	S.89°54'E., on a random line bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect N. and S. line 14 lks. N. of the cor. of secs. 2,3,10 and 11. Thence descend through timber and undergrowth to N.89°48'W., on true line bet. secs. 3 and 10.
	Descend over mountainous land through dense timber and undergrowth.
6.70	Ravine, drains SW., 35 ft. below sec. cor.; ascend.
30.20	Ridge, bears N. and S., 225 ft. above ravine; descend.
40.09	Set an iron post, 3 ft. long, .1 in. in dia., 26 ins. in the ground and mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	S 3 B.T. 1921. from which point descend through timber and undergrowth to A cedar, 6 ins. diam., bears S.15°W., 36 lks. dist., marked $\frac{1}{4}$ S 10 B.T. 1921.
	A cedar, 6 ins. diam., bears N.40°W., 54 lks. dist., marked $\frac{1}{4}$ S 3 B.T. 1921.
	Cor. stands 275 ft. below ridge; continue descent.
54.10	Ravine, drains SE., 125 ft. below $\frac{1}{4}$ sec. cor.; ascend.
80.18	The cor. of secs. 3,4,9. and 10, 525. ft. above ravine. Land, rough mountainous; general S. drainage.
	Soil, brown loam and rocky of granite and quartzite formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, live and scrub oak, almond, sage and green brush. Fair grazing land.

Subdivision of T.39 S., R.19 W.

chains	N. $0^{\circ}12'$ E., on a random line bet. secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
74.02	Intersect N. bdy. of the tp. 9 lks. E. of the cor. of secs. 3 and 4.
	Thence S. $0^{\circ}08'$ W., on true line bet. secs. 3 and 4.
	Descend over mountainous land through scattering timber and dense undergrowth.
34.02	Set an iron post, 3 ft. long, .1 in. in dia., 6 ins. in the ground on solid rock and 18 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked .01 DIPS N. 100° 34' 12" and S $4\frac{1}{2}$ B. T. 1921, and brass cap marked S4 S3.
	from which a west line is struck, bearing S. 81° E., 68 lks. dist., marked $\frac{1}{4}$ S 3 B. T.
	A pinon, .5 ins. diam., bears S. 34° W. 307 lks. dist., marked $\frac{1}{4}$ S 4 B. T.
	Cor. stands 120 ft. below sec. cor.; continue descent.
48.80	Ravine, drains S ^o ., 50 ft. below $\frac{1}{4}$ sec. cor.; ascend.
74.02	The cor. of secs. 3, 4, 9 and 10, 140 ft. above ravine.
	Land, mountainous; general S. drainage.
	Soil, brown loam and rocky; of quartz and limestone formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, live oak, manzanita, sage and almond brush.
	Fair grazing land.
	From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the tp., which is an iron post, 2 ins. in dia., established by me and described in the field notes of the survey of T. 40 S., R. 19 W., bet. secs. 32 and 33.
	Descend over mountainous land through dense timber and undergrowth.

Subdivision of T.39 S., R.19 W.

chains

- 4.70 Road, bears NE. and SW.
- 7.60 Draw, drains SW., 75 ft. below sec. cor.; ascend.
- 15.40 Same road, bears NW. and SE.
- 31.00 Spur, projects SW., 150 ft. above draw; descend.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
 $\frac{1}{4}$

S32 | S33

1921

from which

A cedar, 6 ins.diam.,bears N. 52° E., 139 lks.

dist.,marked $\frac{1}{4}$ S 33 B T

A cedar, 14 ins.diam.,bears S. $11\frac{1}{4}^{\circ}$ W., 154 lks.

dist.,marked $\frac{1}{4}$ S 32 B T

Cor. stands in ravine, drains SW., 100 ft. below spur;
ascend.

63.90 Telephone line, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia.,12 ins. in
the ground on solid rock and 12 ins. in a mound of
stone for cor. of secs. 28,29,32 and33, with brass
cap marked

T39S R19W

S29 | S28

S32 | S33

1921

from which

A cedar, 12 ins.diam.,bears N. $73\frac{3}{4}^{\circ}$ E., 348 lks.

dist.,marked T 39 S R 19 W S 28 B T

A cedar, 6 ins.diam.,bears S. $47\frac{3}{4}^{\circ}$ E., 223 lks.

dist.,marked T'39 S R 19 W S 33 B T

No other trees available.

Deposit a stone marked (x) on one face at base of iron
post.

Cor. stands 495 ft. above $\frac{1}{4}$ sec. cor.

Land, mountainous; general S. drainage.

Soil, brown loam and rocky of limestone formation; 4th.
rate.

Subdivision of T.39 S., R.19 W.

chains	Timber, cedar and pinon. Undergrowth, live oak, mountain rush, buck and sagebrush. Fair grazing land.
	S.89°58'E., random line bet. secs. 28 and 33.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect N. and S. line 14 lks. N. of the cor. of secs. 27, 28, 33 and 34. Thence
	N.89°52'W., on true line bet. secs. 28 and 33.
	Ascend over mountainous land through scattering timber and dense undergrowth.
6.60	Spur, projects N., 25 ft. above sec. cor.; descend.
34.20	Ravine, drains SW.; 300 ft. below spur; ascend.
40.09	Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	S 28
	To spur and ascend $\frac{1}{4}$ sec. cor., marked S 33 1921 from which
	A pinon, 8 ins. diam., bears N.30°E., 144 lks. dist., marked $\frac{1}{4}$ S 28 B T
	A cedar, 6 ins. diam., bears S.61 $\frac{1}{2}$ °E., 37 lks. dist., marked $\frac{1}{4}$ S 33 B T
	Cor. stands 35 ft. above ravine; continue ascent.
56.00	High point on spur, projects SE., 220 ft. above $\frac{1}{4}$ sec. cor.; descend.
80.18	The cor. of secs. 28, 29, 32 and 33, 160 ft. below spur. Land, mountainous; general S. drainage. Soil, rocky of limestone and quartz formation; 4th. rate. Timber, cedar and pinon. Undergrowth, live oak, mountain rush, buck and sagebrush. Fair grazing.
	N.0°03'W., bet. secs. 28 and 29.

Subdivision of T.39 S., R.19 W.

chains

Ascend over mountainous land through medium growth of timber and dense undergrowth.

- 2.10 Ridge, bears E. and W., 75 ft. above sec. cor.; descend.
 22.50 Bottom of ravine and Butcher Knife Creek, small stream of water, course SW., 400 ft. below ridge; ascend.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S29 | S28
1921

from which

A cedar, 8 ins. diam., bears N. $43\frac{1}{2}^{\circ}$ E., 123 lks.

dist., marked $\frac{1}{4}$ S 28 B T

A cedar, 8 ins. diam., bears N. $68\frac{3}{4}^{\circ}$ W., 92 lks.

dist., marked $\frac{1}{4}$ S 29 B T

Cor. stands 250 ft. above ravine; continue ascent.

- 44.80 Spur, projects SE., 100 ft. above $\frac{1}{2}$ sec. cor.; descend.
 54.00 Ravine, drains SE., 25 ft. below spur; ascend.
 73.30 Spur, projects SE., 255 ft. above ravine; descend.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap marked

T39S R19W
S20 | S21
S29 | S28
1921

from which

A cedar, 6 ins. diam., bears N. 45° E., 191 lks.

dist., marked T 39 S R 19 W S 21 B T

A cedar, 4 ins. diam., bears S. $18\frac{1}{2}^{\circ}$ E., 115 lks.

dist., marked B T

A pinon, 4 ins. diam., bears S. $52\frac{1}{2}^{\circ}$ W., 230 lks.

dist., marked B T

A cedar, 6 ins. diam., bears N. 31° W., 205 lks.

dist., marked T 39 S R 19 W S 20 B T

Cor. stands in draw, drains SE., 140 ft. below spur.

Subdivision of T.39 S., R.19 W.

chains	Land, mountainous; general S. drainage. Soil, rocky of limestone and quartz formation; 4th. rate. Timber, cedar and pinon. Undergrowth, live oak, manzanita, sage, almond and buck brush. Fair grazing land.
	S.89°52'E., on a random line bet. secs. 21 and 28.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.00	Intersect N. and S. line 3 lks. N. of the cor. of secs. 21, 22, 27 and 28.
	Thence N.89°51'W., on true line bet. secs. 21 and 28. Descend over mountainous land through medium growth of timber and undergrowth.
14.30	Ravine, drains SW., 140 ft. below sec. cor.; continue descent over broken slope.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked S 21
	S 28 1921 from which A cedar, 8 ins.diam., bears S.39°W., 70 lks. dist., marked $\frac{1}{2}$ S 28 B T
	A cedar, 8 ins.diam., bears N.13 $\frac{1}{2}$ °W., 113 lks. dist., marked $\frac{1}{2}$ S 21 B T
	Cor. stands 120 ft. below ravine; continue descent.
53.80	Bottom of rayne and Butcher Knife Creek, small stream of water in same, course S., 40 ft. below $\frac{1}{2}$ sec. cor.; ascend.
66.00	Spur, projects SE., 225 ft. above ravine; descend.
80.00	The cor. of secs. 20, 21, 28 and 29, 25 ft. below spur. Land, mountainous; general S. drainage. Soil, rocky of limestone and quartz formation; 4th. rate. Timber, cedar and pinon.

Subdivision of T.39 S., R.19 W.

chains	Undergrowth, live oak, manzanita, sage and almond brush. Fair grazing land.
	N.0°03'W., bet. secs. 20. and 21.
	Ascend over mountainous land through medium growth of timber and dense undergrowth.
6.00	Ridge, bears NW. and SE., 100 ft. above sec. cor.; desc.
23.40	Ravine, drains NW., 200 ft. below ridge; ascend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S20 | S21 1921
	from which
	A cedar, 6 ins. diam., bears N.67 $\frac{3}{4}$ °E., 58 lks. dist., marked $\frac{1}{4}$ S 21 B T
	A pinon, 10 ins. diam., bears S.50 $\frac{1}{2}$ °W., 27 lks. dist., marked $\frac{1}{4}$ S 20 B T
	Cor. stands 200 ft. above ravine; continue ascent.
49.10	Spur, projects W., 150 ft. above $\frac{1}{4}$ sec. cor.; descend.
57.50	Ravine, drains W., 150 ft. below spur; ascend.
64.40	Spur, projects W., 200 ft. above ravine; descend.
77.50	Ravine, drains W., 200 ft. below spur; ascend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 16,17,20 and 21, with brass cap marked
	T39S | R19W S17 | S16 ----- S20 | S21 1921
	from which
	A pinon, 10 ins. diam., bears N.18 $\frac{3}{4}$ °E., 69 lks. dist., marked T 39 S R 19 W S 16 B T
	A cedar, 14 ins. diam., bears S.73 $\frac{1}{2}$ °E., 30 lks. dist., marked T 39 S R 19 W S 21 B T
	A cedar, 6 ins. diam., bears S.65 $\frac{1}{2}$ °W., 39 lks. dist., marked T 39 S R 19 W S 20 B T

Subdivision of T.39 S., R.19 W.

- chains
A pinon, 8 ins.diam., bears N.59°W., 95 lks.
dist., marked T 39 S R 19 W S 17 B T
Cor. stands 60 ft. above ravine.
Land, mountainous; general S. drainage;
Soil, rocky of limestone and quartz formation; 4th. rate.
Timber, cedar and pinon.
Undergrowth, live oak, manzanita, almond, black
and green brush. Fair grazing land.
S.89°51'E., on a random line bet. secs. 16 and 21.
Set temp. $\frac{1}{2}$ sec. cor.
Intersect the cor. of secs. 15,16,21 and 22.
Thence
N.89°51'W., on true line bet. secs. 16 and 21.
Descend over mountainous land through dense timber and
undergrowth.
Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in
the ground on solid rock and 20 ins.-in a mound of
stone for $\frac{1}{2}$ sec. cor., with brass cap marked
S 16 B T
S 21 B T
A pinon, 8 ins.diam., bears N.19°E., 137 lks.
dist., marked $\frac{1}{2}$ S 16 B T
A pinon, 6 ins.diam., bears S.10°E., 57 lks.
dist., marked $\frac{1}{2}$ S 21 B T
Cor. stands 550 ft. below sec. cor.; continue descent.
Ravine, drains S., 60 ft. below $\frac{1}{2}$ sec. cor.; ascend.
Ridge, bears N. and S., 325 ft. above ravine; descend.
The cor. of secs. 16,17,20 and 21, 300 ft. below ridge.
Land, mountainous; general S. drainage.
Soil, brown loam and rocky of quartzite formation; 4th.
rate.
Timber, cedar and pinon.
Undergrowth, live oak, manzanita, almond, sage, green

Subdivision of T.39 S., R.19 W.

chains	and black brush. Fair grazing land.
14.00	N.0°03'W., bet. secs. 16 and 17. Ascend over mountainous land through dense timber and undergrowth.
14.30	Spur, projects W., 180 ft. above sec. cor.; descend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for sec. cor., with brass cap marked.
40.00	to top ridge 1.8 mi. S17 | S16 from 16 drainage 1921 1.3 mi. S. 19.00 from which .01 A cedar, 6 ins. diam., bears N.88 $\frac{3}{4}$ E., 43 lks. dry wood, 100 ft. dist., marked $\frac{1}{4}$ S. 16 B.T. A pinon, 6 ins. diam., bears N.88 $\frac{1}{2}$ W., 26 lks. .01 and 100 ft. dist., marked $\frac{1}{4}$ S. 17 B.T. Cor. stands in draw, drains W., 250 ft. below spur; ascend.
54.30	Spur, projects W., 200 ft. above $\frac{1}{4}$ sec. cor.; descend.
66.30	Ravine, drains W., 200 ft. below spur; ascend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 8, 9, 16 and 17, with brass cap marked T 39 S. 19.00 B.T.
80.00	from which is located .33 loop c. & and emb. on 1921 drainage line. A pinon, 4 ins. diam., bears N.47 $\frac{1}{2}$ E., 51 lks. A pinon, 4 ins. diam., marked .33 dist., marked T 39 S. 19.00 B.T. A pinon, 8 ins. diam., bears S.4 $\frac{3}{4}$ E., 38 lks.
80.00	Spur, drainage line, marked T 39 S. 19.00 B.T.
80.00	A pinon, 6 ins. diam., bears S.27 $\frac{3}{4}$ W., 33 lks.
80.00	dist., marked T 39 S. 19.00 B.T.
80.00	A pinon, 7 ins. diam., bears N.31 $\frac{1}{2}$ W., 60 lks.
80.00	dist., marked T 39 S. 19.00 B.T.

Subdivision of T.39 S., R.19 W.

chains	Cor. stands 200 ft. above ravine, land Land, mountainous; general SW. drainage. Soil, gravelly and rocky of limestone and quartz form- ation; 4th. rate. Timber, cedar and pinon. Undergrowth, scrub and live oak, manzanita, mountain rush sage and almond brush. Fair grazing land. S.89°51'E., on a random line bet. secs. 9 and 16.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.19	Intersect N. and S. line 7 lks. S. of the cor. of secs. 9, 10, 15 and 16. Thence
	N.89°54'W., on true line bet. secs. 9 and 16. Descend over mountainous land through dense timber and undergrowth.
40.09 $\frac{1}{2}$	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked.
	S 9
	dist., marked $\frac{1}{4}$ S 9 B T
	A pinon, 4 ins. diam., bears N.46 $\frac{1}{2}$ W., 52 lks.
	dist., marked $\frac{1}{2}$ S 16 B T
	Cor. stands 200 ft. below sec. cor.; continue descent.
66.60	Ravine, drains S., 200 ft. below $\frac{1}{2}$ sec. cor.; ascend.
74.20	Spur, projects SW., 150 ft. above ravine; descend.
80.19	The cor. of secs. 8, 9, 16 and 17, 125 ft. below spur. Land, mountainous; general S. drainage. Soil, brown loam and rocky of limestone and quartz form- ation; 4th. rate. Timber, cedar and pinon. Undergrowth, scrub and live oak, manzanita, mountain rush, sage and almond brush. Fair grazing land.

Subdivision of T.39 S., R.19 W.

chains	N.0°03'W., bet. secs. 8 and 9.
	Ascend over mountainous land through dense timber and undergrowth.
20.80	Spur, projects W., 150 ft. above sec. cor., descend.
24.80	Ravine, drains W., 75 ft. below spur; ascend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$
	S8 | S9
	1921
	from which
	A cedar, 6 ins. diam., bears N.84 $\frac{1}{2}$ °E., 48 lks.
	dist., marked $\frac{1}{2}$ S 9 B T
	A cedar, 6 ins. diam., bears S.63°W., 14 lks.
	dist., marked $\frac{1}{2}$ S 8 B T
	Cor. stands 100 ft. above ravine; continue ascent.
76.40	Spur, projects W., 300 ft. above $\frac{1}{2}$ sec. cor.; descend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 4,5,8 and 9, with brass cap marked
	T39S | R19W S5 | S4 ----- S8 | S9
	1921
	from which
	A pinon, 8 ins. diam., bears N.44°E., 51 lks.
	dist., marked T 39 S R 19 W S 4 B T
	A pinon, 3 ins. diam., bears S.21 $\frac{1}{2}$ °E., 101 lks.
	dist., marked B T
	A pinon, 6 ins. diam., bears S.32 $\frac{1}{4}$ °W., 77 lks.
	dist., marked T 39 S R 19 W S 8 B T
	A pinon, 8 ins. diam., bears N.39 $\frac{1}{2}$ °W., 84 lks.
	dist., marked T 39 S R 19 W S 5 B T
	Cor. stands in head of small draw, drains W., 20 ft. below spur.
	Land, mountainous; general SW. drainage.
	Soil brown loam and rocky of granite and quartz formation; 4th. rate.

Subdivision of T.39 S., R.19 W.

chains	Timber, cedar and pinon. 800 ft. above sec. cor. N. 80° 0.4'
	Undergrowth, live and scrub oak, manzanita, almond and sagebrush. Fair grazing land.
40.00	S. 89° 54' E., on a random line bet. secs. 4 and 9. 08.48
40.00	Set temp. $\frac{1}{2}$ sec. cor. 08.08
80.20	Intersect N. and S. line 5 lks. S. of the cor. of secs. 3, 4, 9 and 10.
	Thence N. 89° 56' W., on true line bet. secs. 4 and 9.
	Ascend over mountainous land through dense timber and undergrowth.
14.20	Ridge, bears N. and S., 450 ft. above sec. cor.; descend.
28.60	Ravine, drains S., 225 ft. below ridge; ascend.
36.20	Spur, projects S., 100 ft. above ravine; descend.
40.10	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground and mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked S 4
	$\frac{1}{2}$ S 9 1921
	from which
	A pinon, 4 ins. diam., bears N. 71 $\frac{1}{2}$ E., 52 lks. dist., marked $\frac{1}{2}$ S 4 B T
	A pinon, 6 ins. diam., bears S. 51 $\frac{1}{2}$ E., 47 lks. dist., marked $\frac{1}{2}$ S 9 B T
	Cor. stands 150 ft. below spur; continue descent.
80.20	The cor. of secs. 4, 5, 8 and 9, 850 ft. below $\frac{1}{2}$ sec. cor. Land, rough, rugged mountains; general S. drainage. Soil rocky of granite and quartz formation; 4th. rate. Timber, cedar and pinon.
	Undergrowth, live and scrub oak, manzanita, almond and sagebrush. Fair grazing land.
40.00	N. 0° 08' E., on a random line bet. secs. 4 and 5. 08.48
40.00	Set temp. $\frac{1}{2}$ sec. cor.

Subdivision of T.39 S., R.19 W.

- chains
- 73.95 Intersect N. bdy. of the tp., 13 lks. W. of the cor. of
secs. 4 and 5.
Thence
S.0°14'W., on true line bet. secs. 4 and 5.
Descend over mountainous land through dense timber and
undergrowth.
- 6.35 Ravine, drains W., 75 ft. below sec. cor.; ascend.
- 13.55 Spur, projects W., 100 ft. above ravine; descend.
- 33.95 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in
the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

1921
- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
No suitable bearing trees available.
Cor. stands in draw, drains W., 100 ft. below spur.
Ascend.
- 44.20 Spur, projects W., 275 ft. above $\frac{1}{2}$ sec. cor.; descend.
- 73.95 The cor. of secs. 4, 5, 8 and 9, 265 ft. below spur.
Land, rough mountains; general S. drainage.
Soil, shallow loam and rocky of granite, quartz and
limestone formation; 4th. rate.
Timber, cedar and pinon.
Undergrowth, live and scrub oak; greasewood, manzanita,
almond and sagebrush. Fair grazing land.
- From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of
the tp., which is an iron post, 2 ins. in dia., estab-
lished by me and described in the field notes of the
survey of T.40 S., R.19 W.
N.0° 03'W., bet. secs. 31 and 32.
Ascend over mountainous land through dense timber and
undergrowth.
- 6.70 High point on spur, projects SE., 90 ft. above cor.;
descend.
- 22.00 Ravine, drains SE., 75 ft. below spur; gradually ascend.

Subdivision of T.39, S., R.19 W.

chains			
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground and mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked		
		T31	S32
	Bridle roads, cedar, pinon and live oak stand near 1921		
	from which		
	A cedar, 6 ins. diam., bears S. $61\frac{1}{2}^{\circ}$ E., 40 lks. dist., marked $\frac{1}{4}$ S 32 B T		
	A cedar, 4 ins. diam., bears N. $58\frac{1}{2}^{\circ}$ W., 31 lks. dist., marked $\frac{1}{4}$ S 31 B T		
	Cor. stands 30 ft. above ravine; continue ascent.		
68.40	Rocky point on spur, projects SE., 150 ft. above $\frac{1}{2}$ sec. cor.; descend.		
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 29, 30, 31 and 32, with brass cap marked		
	T39S R19W		
	S30 S29		
	S31 S32		
	1921		
	from which		
	A pinon, 12 ins. diam., bears N. 83° E., 435 lks. dist., marked T 39 S R 19 W S 29 B T		
	A pinon, 8 ins. diam., bears S. $62\frac{1}{2}^{\circ}$ E., 365 lks. dist., marked T 39 S R 19 W S 32 B T		
	A pinon, 6 ins. diam., bears S. $73\frac{1}{4}^{\circ}$ W., 17 lks. dist., marked T 39 S R 19 W S 31 B T		
	A cedar, 6 ins. diam., bears N. 41° W., 34 lks. dist., marked T 39 S R 19 W S 30 B T		
	Cor. stands in ravine, drains SE., 30 ft. below rocky point on spur.		
	Land, mountainous; general S. drainage.		
	Soil, gravelly and rocky of quartzite and limestone formation; 4th. rate.		
	Timber, cedar and pinon.		
	Undergrowth, live oak, mountain rush, manzanita, sage,		

Subdivision of T.39 S., R.19 W.

chains	go up hill through green and black brush. Fair grazing land.

	S.89°58'E. random line bet. secs. 29 and 32.
40.00	Set temp. 1 sec. cor.
80.02	Intersect N. and S. line 9 lks. S. of the cor. of secs. 28, 29, 32 and 33.
	Thence
	S.89°58'W., on true line bet. secs. 29 and 32.
	Descend over mountainous land through dense timber and undergrowth.
17.00	Telephone line, bears NW. and SE.
18.00	Road, bears NW. and SE.
21.50	West Fork of Beaver Dam Wash, small stream of water in same, course SE., 550 ft. below sec. cor.; ascend.
40.01	Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 10 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked
	S 29

	S 32
	1921
	from which
	A cedar, 6 ins. diam., bears S.36°E., 54 lks. dist., marked S 32 B T
	A cedar, 6 ins. diam., bears N.51°W., 31 lks. dist., marked S 29 B T
	Cor. stands 200 ft. above Beaver Dam Wash.
	From this cor., cor. No. 1 Homestead Entry Survey No. 73, Marty Larson, which is a trachyte, 16x14x13 ins. above ground, firmly set, marked with cross on top and 73 on one face, bears N.35°47'E., 15.41 chs.
	Continue ascent.
63.30	Ridge, bears N. and S., 260 ft. above $\frac{1}{2}$ sec. cor.; desc.
80.02	The cor. of secs. 29, 30, 31 and 32, 150 ft. below ridge. Land, mountainous; general S. drainage. Soil, brown loam and rocky of limestone and quartz formation; 4th. rate.

Subdivision of T.39 S., R.19 W.

chains	Timber, cedar and pinon; cottonwood and willow along Beaver Dam Wash. Undergrowth, live oak, mountain rush, buck, black, green and sagebrush. Good grazing land.
40.00	N.89° 58'W., on a random line bet. secs. 30 and 31. Set temp. $\frac{1}{2}$ sec. cor.
80.32	Intersect W. bdy. of the tp., 7 lks. N. of the cor. of secs. 25,30,31 and 36. Thence N.89°59'E., on true line bet. secs. 30 and 31. Ascend over mountainous land through dense timber and undergrowth.
7.10	Ridge, bears N. and S., 150 ft. above sec. cor.; descend.
40.32	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked
	<u>S 30</u> $\frac{1}{4}$ S 31 1921
	from which A cedar, 8 ins.diam.,bears N.16 $\frac{1}{2}$ E., '79 lks. dist.,marked $\frac{1}{2}$ S 30 B T A cedar, 4 ins.diam.,bears S.3 $\frac{1}{2}$ E., 63 lks. dist., marked $\frac{1}{2}$ S 31 B T Cor. stands 350 ft. below ridge; continue descent.
80.32	The cor. of secs. 29,30,31 and 32. Land, rough mountainous; general SE. drainage. Soil, brown loam and rocky of sandstone and quartzite formation; 4th. rate. Timber, cedar and pinon. Undergrowth, live oak, sage, buck brush and manzanita. Good grazing land.
	N.0°03'W., bet. secs. 29 and 30. Ascend S. slope over mountainous land through dense timber and undergrowth.

Subdivision of T.39 S., R.19 W.

chains	
9.50	Ridge, bears NW. and SE., 40 ft. above sec. cor.; descend N. slope.
33.50	Ravine, drains SE., 200 ft. below ridge; ascend.
40.00	Point for $\frac{1}{4}$ sec. cor. falls on steep ledges where cor. cannot be set.
42.96	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$
	S30 | S29 WC 1921
	from which
	A pinon, 12 ins. diam., bears N. $52\frac{3}{4}^{\circ}$ E., 43 lks. dist., marked W C $\frac{1}{2}$ S 29 B T
	A pinon, 14 ins. diam., bears N. $81\frac{1}{2}^{\circ}$ W., 47 lks. dist., marked W C $\frac{1}{2}$ S 30 B T
	Cor. stands on rocky spur, 175 ft. above ravine, projects NW.; descend N. slope.
46.00	Ravine, drains SW., 75 ft. below spur; ascend.
68.20	Spur; projects W., 150 ft. above ravine; descend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 4 ins. in the ground on solid rock and 20 ins. in a mound of stone for cor. of secs. 19, 20, 29 and 30, with brass cap marked
	T39S | R19W S19 | S20 ---+--- S30 | S29 1921
	from which
	A pinon, 6 ins. diam., bears N. $50\frac{1}{2}^{\circ}$ E., 183 lks. dist., marked T 39 S R 19 W S 20 B T
	A pinon, 6 ins. diam., bears S. $89\frac{1}{2}^{\circ}$ E., 89 lks. dist., marked T 39 S R 19 W S 29 B T
	A pinon, 6 ins. diam., bears S. $73\frac{3}{4}^{\circ}$ W., 33 lks. dist., marked T 39 S R 19 W S 30 B T

Subdivision of T.39 S., R.19 W.

chains	A pinon, 6 ins.diam., bears N. $11\frac{3}{4}$ ^o W., 90 lks. dist., marked T 39 S R 19 W S 19 B T
	Cor. stands in small ravine, drains NE., 75 ft. below Land, rough and mountainous; general SE. drainage.
	Soil, brown loam, gravelly and rocky of quartzite and sandstone formation; 4th. rate.
	Undergrowth, live oak, sage, buck, green brush and manzanita. Good grazing land.
	N. $89^{\circ} 58'$ E., on a random line bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor. or
79.88	Intersect N. and S. line 3 lks. N. of the cor. of secs. 20, 21, 28 and 29.
	Thence S. $89^{\circ} 59'$ W., on true line bet. secs. 20 and 29.
	Ascend over mountainous land, through dense timber and undergrowth.
17.00	Ridge, bears NW. and SE., 250 ft. above sec. cor.; desc. W. slope.
39.94	Set an iron post, 3 ft. long, 1 in. in dia., 4 ins. in the ground, on solid rock and 20 ins. in a mound of limestone for $\frac{1}{4}$ sec. cor., with brass cap, marked S 20
	$\frac{1}{4}$ ————— S 29 1921 from which
	A pinon, 16 ins.diam., bears S. $45\frac{1}{4}$ ^o W., 102 lks. dist., marked $\frac{1}{4}$ S 29 B T
	A pinon, 16 ins.diam., bears N. $15\frac{3}{4}$ ^o W., 50 lks. dist., marked $\frac{1}{4}$ S 20 B T
	Cor. stands 360. ft., below ridge; continue steep descent W. slope.
52.90	Telephone line, bears N.. and S..
54.70	Bottom of West Fork of Beaver Dam Wash, small stream of

Subdivision of T. 39 S., R. 19 W.

chains	water in same, course S.; road in wash, bears N. and S.; 350 ft. below $\frac{1}{4}$ sec. cor.; ascend abruptly E. slope
70.90	Ridge, 450 ft. above Beaver Dam Wash, bears N. and S.; descend.
79.88	The cor. of secs. 19, 20, 29 and 30, 75 ft. below ridge. Land, rough mountains; general S. drainage. Soil, brown loam, gravelly and rocky of limestone and quartz formation; 4th. rate. Timber, cedar and pinon; cottonwood and willow along Beaver Dam Wash.
	Undergrowth, sage, greasewood, buck, green, live oak and manzanita. Good grazing land.
	From a point located 1.5 mi. S. of the cor. of secs. 19, 20, 29 and 30, 75 ft. below ridge, bearing S. 89° 59' W., on a random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.67	Intersect W. bdy. of the tp., 23 lks. S. of the cor. of secs. 19, 24, 25 and 30.
	Thence S. 89° 51' E., on true line bet. secs. 19 and 30.
	Ascend W. slope over mountainous land through dense timber and undergrowth.
6.30	Spur, 125 ft. above sec. cor., projects NE.; descend.
29.00	Ravine, drains SE., 310 ft. below spur; ascend.
36.20	Spur, projects S., 210 ft. above ravine; descend.
40.67	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	<u>S 19</u>
	$\frac{1}{4}$
	S 30
	1921
	from which
	A pinon, 6 ins. diam., bears S. 9° E., 50 lks.
	dist., marked $\frac{1}{4}$ S 30 B T
	A cedar, 6 ins. diam., bears N. 26° W., 74 lks.
	dist., marked $\frac{1}{4}$ S 19 B T
	Cor. stands 75 ft. below spur; continue descent.
52.80	Ravine, drains SE., 75 ft. below $\frac{1}{4}$ sec. cor.; ascend.

Subdivision of T.39 S., R.19 W.

chains	
68.00	Spur, projects SE., 40 ft. above ravine; descend.
80.67	The cor. of secs. 19, 20, 29 and 30, 80 ft. below spur. Land, rough mountainous; general S. drainage.
	Soil, shallow loam, gravelly and rocky of limestone, sandstone and quartz formation; 4th. rate.
	Timber, cedar and pinon.
	Undergrowth, live oak, sage, green, buck brush, mountain rush and manzanita. Fair grazing land.
	N.0°03'W., bet. secs. 19 and 20.
	Descend over mountainous land through dense timber and undergrowth.
14.30	Steep ravine, drains E., 150 ft. below sec. cor.; ascend S. slope.
27.40	Steep, rocky spur, projects SE., 400 ft. above ravine; from this point a parcel of irrigated land, the S. edge of which bears N.34°E., about 15 chs. the N. edge bears N.17½°E. about 50 chs. Descend N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S19 S20 1921 from which A pinon, 6 ins. diam., bears S.36°E., 94 lks. dist., marked $\frac{1}{4}$ S 20 B T
	A pinon, 10 ins. diam., bears S.35½°W., 54 lks. dist., marked $\frac{1}{2}$ S 19 B T
	Cor. stands 250 ft. below spur; continue descent.
54.90	Steep ravine, drains E., 275 ft. below $\frac{1}{4}$ sec. cor.; ascend S. slope.
65.50	Spur, projects E., 125 ft. above ravine; descend.
71.90	Ravine, drains E., 100 ft. below spur; ascend.
78.70	Telephone line, bears NW. and SE.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and 8 ins. in a mound of

Subdivision of T.39 S., R.19 W.

chains

stone for cor. of secs. 17, 18, 19 and 20, with brass cap

marked

T.39S	R.19W
S18	S17
S19	S20
1921	

from which

A pinon, 16 ins. diam., bears N. $37\frac{1}{2}$ ^oE., 141 lks.

dist., marked T 39 S R 19 W S 17 B T

A pinon, 8 ins. diam., bears S. $53\frac{1}{2}$ ^oE., 133 lks.

dist., marked T 39 S R 19 W S 20 B T

A cedar, 8 ins. diam., bears S. $48\frac{1}{2}$ ^oW., 95 lks.

dist., marked T 39 S R 19 W S 19 B T

No other trees available.

Cor. stands 125 ft. above ravine.

Land, mountainous; general S. drainage.

Soil, shallow brown loam and rocky of limestone and
quartz formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, manzanita, almond, sage, buck and
green brush. Fair grazing land.

N. $89^{\circ}59'$ E., on a random line bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.17 Intersect N. and S. line 25 lks. N. of the cor. of secs.
16, 17, 20 and 21.

Thence

N. $89^{\circ}50'$ W., on true line bet. secs. 17 and 20.

Descend over very rough mountainous land through medium
growth of timber and dense undergrowth.

24.40 Ravine and Slaughter Creek, small stream of water in same,
course S., 380 ft. below sec. cor.; ascend.

38.90 Ridge, bears N. and S., 450 ft. above ravine; descend.

40.08 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S 17

S 20

1921

Subdivision of T.39 S., R.19 W.

chains	from which	ascend
	A pinon, 6 ins. diam., bears N. $73\frac{1}{4}$ ^o E., 6 lks. dist., marked $\frac{1}{4}$ S 17 B T	
	A pinon, 6 ins. diam., bears S. $23\frac{3}{4}$ ^o W., 65 lks. dist., marked $\frac{1}{2}$ S 20 B T	
	Cor. stands 40 ft. below ridge; continue descent.	
61.30	Beaver Dam Wash, small stream of water in same, course S 550 ft. below $\frac{1}{4}$ sec. cor., ascend.	
61.40	Road; bears N. and S. 18 and 19, 100 ft.	
75.70	Spur, projects SE., 400 ft. above Beaver Dam Wash; desc.	
80.17	The cor. of secs.: 17, 18, 19 and 20, 120 ft. below spur. Land, very rough mountains; general S. drainage. Soil, brown loam and rocky of limestone formation; 4th. rate.	
	Timber, cedar and pinon.	
	Undergrowth, live oak, manzanita, almond, sage and black brush. Fair grazing land.	
	N. $89^{\circ}51'$ W., on a random line bet. secs. 18 and 19.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.62	Intersect W. bdy. of the tp., 42 lks. N. of the cor. of secs. 13, 18, 19 and 24.	
	Thence	
	N. $89^{\circ}51'$ E., on true line bet. secs. 18 and 19.	
	Descend over mountainous land through dense timber and undergrowth.	
11.80	Ravine, drains NE., 80 ft. below cor., ascend.	
16.90	Spur, projects NE., 75 ft. above ravine; descend.	
40.62	Set an iron post., 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked	
	<u>S 18</u>	
	$\frac{1}{4}$ sec. cor., with brass cap marked	
	<u>S 19</u>	
	1921	
	from which	
	A cedar, 8 ins. diam., bears N. $7\frac{1}{2}$ ^o E., 15 lks. dist., marked $\frac{1}{4}$ S 18 B T	
	A pinon, 8 ins. diam., bears S. $23\frac{3}{4}$ ^o W., 112 lks.	

Subdivision of T.39 S., R.19 W.

chains	
	dist., marked $\frac{1}{4}$ S 19 B T
	Cor. stands 300 ft. below spur; continue descent.
75.60	Ravine, drains SE., 400 ft. below $\frac{1}{4}$ sec. cor.; ascend.
78.00	Telephone line, bears NW. and SE.
80.62	The cor. of secs. 17, 18, 19 and 20, 115 ft. above ravine. Land, very rough mountains; general S. drainage. Soil, rocky of granite, quartz and sandstone formation; 4th. rate!
	Timber, cedar and pinon.
	Undergrowth, live oak, mountain rush, almond, sage and black brush. Fair grazing land.
	N.0°03'W.; bet. secs. 17 and 18.
	Ascend over mountainous land through medium growth of timber and dense undergrowth.
4.80	Spur, projects SE., 75 ft. above sec. cor.; descend.
18.00	Beaver Dam Wash, small stream in same, course SE.; 210 ft. below spur; ascend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	S18 | S17
	1921
	from which
	A cedar, 6 ins. diam., bears S.23°E.; 71 lks.
	dist., marked $\frac{1}{4}$ S 17 B T
	A cedar, 6 ins. diam., bears S.86 $\frac{1}{2}$ °W., 70 lks.
	dist., marked $\frac{1}{4}$ S 18 B T
	Cor. stands on ridge, bears NW. and SE., 600 ft. above Beaver Dam Wash; gradually ascend.
64.90	Same ridge, bears NE. and SW., 60 ft. above $\frac{1}{4}$ sec. cor.; descend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 7, 8, 17 and 18, with brass cap marked

Subdivision of T.39 S., R.19 W.

chains

T39S R19W.	
S7	S8
S18	S17

1921

from which

A pinon, 16 ins. diam., bears N.57°E., 168 lks.

dist., marked T 39 S R 19 W S 8 B T

A cedar, 8 ins. diam., bears S.55°E., 67 lks.

dist., marked T 39 S R 19 W S 17 B T

A cedar, 16 ins. diam., bears S.50 $\frac{1}{2}$ °W., 33 lks.

dist., marked T 39 S R 19 W S 18 B T

A pinon, 16 ins. diam., bears N.37 $\frac{1}{2}$ °W., 57 lks.

dist., marked T 39 S R 19 W S 7 B T

Cor. stands in draw, drains W., 150 ft. below ridge.

Land, mountainous; general S. drainage.

Soil, gravelly and rocky of granite and quartz formation;
4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, manzanita, almond and sagebrush.

Fair grazing land.

S.89° 50' E., on a random line bet. secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.79.89 Intersect N. and S. line 5 lks. N. of the cor. of secs.
8,9,16 and 17.

Thence

N.89°48'W., on true line bet. secs. 8 and 17.

Descend over mountainous land through dense timber and
undergrowth.15.30 Ravine and Slaughter Creek, small stream of water in same,
course S., 285 ft. below sec. cor.; ascend.39.94 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in
the ground and mound of stone for $\frac{1}{4}$ sec. cor., with
brass cap marked.

S 8

S 17

1921

from which

Subdivision of T.39 S., R.19 W.

- chains
48.00 A cedar, 6 ins. diam., bears N. $47\frac{1}{2}$ ^oE., 109 lks.
dist., marked $\frac{1}{4}$ S 8 B T
- A pinon, 4 ins. diam., bears S. 64° W., 95 lks.
dist., marked $\frac{1}{4}$ S 17 B T
- Cor. stands 230 ft. above ravine; continue ascent.
- 48.60 Ridge, bears NE. and SW., 140 ft. above $\frac{1}{2}$ sec. cor., descend.
- 79.89 The cor. of secs. 7,8,17 and 18, 300 ft. below ridge.
Land, rough mountains; general S. drainage.
Soil, shallow loam and rocky of quartz and granitic
formation; 4th. rate.
Timber, cedar and pinon.
Undergrowth, live oak, manzanita, almond and sagebrush.
Fair grazing land.
-
- S. $89^{\circ}51'$ W., on a random line bet. secs. 7 and 18.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.38 Intersect W. bdy. of the tp., 9 lks. S. of the cor. of
secs. 7,12,13 and 18.
Thence
N. $89^{\circ}55'$ E., on true line bet. secs. 7 and 18.
Ascend over mountainous land through medium growth of
timber and dense undergrowth.
- 12.00 Spur, projects SE., 150 ft. above sec. cor.; descend.
- 39.20 Beaver Dam Wash, small stream of water in same, course
SE., 450 ft. below spur; ascend.
- 40.38 Point for $\frac{1}{4}$ sec. cor. falls on ground where floods from
Beaver Dam Wash would carry it away, therefore, at
- 40.90 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in
a mound of stone for witness cor. to the $\frac{1}{2}$ sec. cor.,
with brass cap marked S 7
WO¹
S 18
1921
from which
A willow, 8 ins. diam., bears S. $24\frac{1}{2}$ ^oW., 165 lks.
dist., marked W C $\frac{1}{4}$ S 18 B T

Subdivision of T.39 S., R.19 W.

chains	A cottonwood, 10 ins. diam., bears N. 86° W., 185 lks. dist., marked W C $\frac{1}{2}$ S 7 B T Natural obstacles prevent setting post in the ground.
42.40	Telephone line, bears N. and S.
60.00	Spur, projects SW., 300 ft. above Beaver Dam Wash; descend.
66.40	Ravine, drains SW., 90 ft. below spur; ascend along draw from the E.
80.38	The cor. of secs. 7, 8, 17 and 18. Land, mountainous; general S. drainage. Soil, shallow loam and rocky of quartz and limestone formation; 4th. rate. Timber, cedar and pinon. Undergrowth, live oak, manzanita, sage, green, black and buck brush. Fair grazing land.
	N. 0° 03' W., bet. secs. 7 and 8. Ascend abruptly over mountainous land through dense timber and undergrowth.
2.90	Spur, projects W., 75 ft. above sec. cor.; descend.
7.30	Ravine, drains W., 30 ft. below spur; ascend.
29.30	Spur, projects W., 300 ft. above ravine; descend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked
	S7 | S8
	1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No suitable bearing trees are available.
	Cor. stands in draw, drains W., 25 ft. below spur; ascend.
65.00	Spur, projects W., 100 ft. above draw; descend.
73.20	Ravine, drains W., 50 ft. below spur; ascend.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground and mound of stone for cor. of secs. 5, 6, 7 and 8, with brass cap marked

Subdivision of T.39 S., R.19 W.

chains	T39S. R19W. S6 | S5 ----- S7 | S8 1921
	from which
	A pinon, .16 ins. diam., bears N.36° E., 67 lks. dist., marked T 39 S R 19. W S 5 B T
	Another noted A. pinon, 16 ins. diam., bears S.11½° W., 80 lks. dist., marked T 39 S R 19. W S 7 B T

A cedar, 4 ins. diam., bears N.84° W., 35 lks.
dist., marked T 39. S R 19. W S 6 B T

No other suitable trees available.

Land, rough mountains; general S. drainage.

Soil, brown loam and rocky of quartz and limestone formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, live oak, sage, green, black brush and manzanita. Fair grazing land.

S.89°48' E., on a random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{2}$ sec. cor. to 100 ft. above ground level.

79.90 Intersect N. and S. line 30 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence S.89°59' W., on true line bet. secs. 5 and 8.

Descend along draw over mountainous land through medium growth of timber and dense undergrowth.

34.50 Ravine and Slaughter Creek, small stream of good water, course S., 450 ft. below sec. cor.; ascend.

39.95 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in a mound of stone on solid rock for $\frac{1}{2}$ sec. cor., with brass cap marked

S 5

S 8
1921

from which

A cedar, 6 ins. diam., bears N.50½° E., 63 lks.

Subdivision of T.39 S., R.19 W.

chains	dist., marked $\frac{1}{4}$ S 5 B T A pinon, 18 ins. diam., bears S. $34\frac{1}{2}$ ^o E., 38 lks. dist., marked $\frac{1}{4}$ S 8 B T Cor. stands 125 ft. above $\frac{1}{4}$ sec. cor.; continue ascent.
67.70	Ridge, bears N. and S., 475 ft. above $\frac{1}{4}$ sec. cor.; descend. 21 lks. to bottom. into
79.90	The cor. of secs. 5, 6, 7. and 8, 225 ft. below ridge. Land, rough mountains; general S. drainage. Soil, shallow loam and rocky of limestone and quartz formation; 4th. rate. Timber, cedar and pinon. Indian red oak. Undergrowth, live oak, sage, green black and mountain rush. Fair grazing land.
40.00	S. $89^{\circ}55'$ W., on a random line bet. secs. 6 and 7. Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect W. bdy. of the tp. 21 lks.. N. of the true cor. point of secs. 1, 6, 7 and 12. Thence S. 89 $^{\circ}46'$ E., on true line bet. secs. 6 and 7. 30.00 Ascend over mountainous land through medium growth of timber and dense undergrowth.
5.20	Telephone line, bears NW. and SE.
27.50	Spur, projects SW., 275 ft. above sec. cor. point; descend. 21 lks. to bottom. into
35.00	Ravine, drains SW., 150 ft. below spur; ascend.
40.18	Set and iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	100 ft. from post. S. 6 B T $\frac{1}{4}$ S 7 B T 1921 from which A pinon, 49 ins. diam., bears N. $17\frac{1}{4}$ ^o W., 47 lks. dist., marked $\frac{1}{4}$ S 6 B T A cedar, 6 ins. diam., bears S. $6\frac{1}{2}$ ^o E., 53 lks. dist., marked $\frac{1}{4}$ S 7 B T

Subdivision of T.39 S., R.19 W.

chains	Cor. stands 25 ft. above ravine; continue ascent.
80.18	The cor. of secs. 5, 6, 7 and 8, 600 ft. above $\frac{1}{4}$ sec. cor. Land, rough mountains; general S. drainage. Soil, gravelly and rocky of limestone and quartz formation; 4th. rate. Timber, cedar and pinon.
	Undergrowth, live oak, sage, green, black brush and mountain rush. Fair grazing land.
	N.0°14' E., on a random line bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
/73.75	Intersect N. bdy. of the tp., 39 lks. E. of the cor. of secs. 5 and 6. Thence /
	S.0°04' E., on true line bet. secs. 5 and 6. Ascend over mountainous land through medium growth of timber and undergrowth; along top of ridge.
13.80	High point on ridge, bears N. and SE.; 4100ftd. above sec. cor.; descend.
33.75	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S6 | S5 1921 from which A cedar, 8 ins. diam., bears N.54 $\frac{1}{2}$ E., 64 lks. dist., marked $\frac{1}{4}$ S 5 B T A cedar, 4 ins. diam., bears N.20 $\frac{1}{2}$ W., 180 lks. dist., marked $\frac{1}{4}$ S 6 B T Cor. stands in draw, drains SW., 355 ft. below point on ridge; ascend.
38.50	Spur, projects W., 40 ft. above draw; descend.
73.75	The cor. of secs. 5, 6, 7 and 8, 325 ft. below spur. Land, rough mountainous; general S. drainage. Soil, shallow loam, gravelly and rocky of granite and quartz formation; 4th. rate. Timber, cedar and pinon.

Boundaries of T.39 S., R.19 W.

chains	Undergrowth, live oak, almond, green, black and sage-brush. Fair grazing.
BOUNDARIES OF T.39 S., R.19 W.	

Latitudes, departures and closing errors.							
Lines designated.	True bearings	Dist- ances	Latitudes	Departures			
			N chs	S chs	E chs	W chs	
W.bdy. T39SR19W	South	474.15	474.15				
S.bdy. T39SR19W	S 89° 58' E	480.50		480.50			
E.bdy. T39SR19W	North	474.28	474.28				
N.bdy. T39SR19W	West	479.82					479.8
Convergency							.5
			474.28	474.43	480.50	480.37	
				474.28	480.37		
					Error in latitude .15		
					Error in departure .13		

GENERAL DESCRIPTION

This township consists of rough mountainous land covered with a heavy and scattering growth of cedar and pinon timber and dense live oak, sage, black, green, buck brush manzanita, mountain rush and cactus undergrowth.

There is also a fair growth of short native grass which affords good feed for grazing of sheep or cattle.

The township is watered by Beaver Dam Creek and its tributaries. The main branch enters the township in sec. 7 and flows in a southeasterly direction leaving in sec. 32. The east fork enters the township in sec. 24 and flows in a southwesterly direction leaving in sec. 34.

Marty Larson is the only settler in the township and resides in sec. 29. He cultivates a small tract of land in sec. 29 and another in sec. 20 and raises alfalfa, wheat, garden truck and fruit. Both of these tracts are along Beaver Dam Wash.

General Description.

The northeast part of the township shows indications of mineral and is situated in the Gold Strike Mining District.

No magnetic declination was taken on account of a defective needle.

Volume

#

R0459

1610
CADASTRAL ENGINEER

CERTIFICATE OF UNITED STATES SURVEYOR

I, Howard W. Miller, U.S. Cadastral Engineer, hereby certify upon that, according to records in his original field tablets James C. O'Brien, U.S. Surveyor, having been deceased, in pursuance

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 17th day of January 1921, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the north, east and west boundaries and subdivision of T.39 S., R.19 W.

of the Salt Lake Base

and Meridian, in the State of Utah, which are represented and date diagram him his on dates as shown on the foregoing field notes as having been executed by me, and under my direction; and that all the corners said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes such survey. compiled by me from the original field tablets of James C. O'Brien, U. S. Surveyor, deceased

Howard W. Miller

U.S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Nov. 29,

1921

The foregoing field notes of the survey of the North, East, and West boundaries and subdivisions of Township 39 South, Range 19 West, S. L. B & M executed by James G. O'Brien, U.S. Surveyor, under Special instructions dated January 17, 1921

xxxxyxx

Under his special instructions dated 1921, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

A. D. Dawson

U. S. Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in

has been correctly copied from the original notes on file in this office.

U. S. Surveyor General

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BOOK A-459

4-680

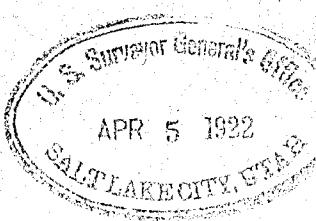
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BOOK A-459



FIELD NOTES

RESURVEY
OF THE SURVEY OF THE

SIXTH STANDARD PARALLEL SOUTH, RANGE 6 EAST, EAST, NORTH AND WEST
BOUNDARIES, AND PORTION OF THE SUBDIVISION, AND SURVEY OF A PORTION
OF THE SUBDIVISION OF T. 30 S., R. 6 E.

Of the SALT LAKE BASE AND Meridian,

In the State of UTAH

EXECUTED BY

ELLIOT BIRD

In the capacity of U. S. Surveyor, under instructions dated May 7, 1921,
issued by the United States Surveyor General to govern surveys included in
Group No. 113[✓], which were approved by the Commissioner of the General Land
Office, May 16, 1921, and assignment instructions dated
June 22, 1921.

Survey commenced August 20, 1921 701

Survey completed October 30, 1921 701

BOOK A-459

4-679 b

INDEX DIAGRAM.

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6-4817

T. 30 S., R. 6 E.

Date Diagram of T. 30 S., R. 6 E.

9-26-21	10-3-21	10-6-21	10-25-21	10-25-21	10-25-21
10-25-21	10-25-21	10-25-21	10-6-21	2	1
6	5	4	3	10-27-21	10-27-21
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19	20	21	22	23	24
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8-28-21	8-27-21	9-6-21	9-5-21	10-12-21	10-12-21

Survey commenced August 20, 1921 and executed with Young and Sons light mountain transit No. 8531. Instrument is equipt with Smith Solar attachment and full vertical circle. The horizontal limb is provided with two double verniers, placed opposite each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circle.

The instrument was approved for use on this survey by the Assistant Supervisor of Surveys for district No. 6, conditional upon satisfactory field tests, in assignment instructions dated June 22, 1921.

T. 30 S., R. 6 E.

I examine the adjustments of the instrument and correct the level and collimation errors, then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, I proceed as follows.

August 20, 1921: At my camp, situated about 10.00 chs. E. of the $\frac{1}{4}$ sec. cor. for W. bdy. sec. 11, T. 30 S., R. 5 1/2 latitude $38^{\circ}14'$ N.; longitude $111^{\circ}23'$ W.: At 9h 41.4m l.m.t., I observe Polaris at eastern elongation with the telescope in direct and reversed positions and mark the line thus determined by a tack in a stake, firmly driven in the ground, 10.00 chs. to the N. of my station.

August 21, 1921: At 7h 00m a.m. app. t., I lay off the azimuth of Polaris, which is $1^{\circ}25'$ to the W., and mark the meridian thus determined by a tack in a stake, firmly driven in the ground, 10.00 chs. N. of my station.

At 9h 30m a.m. app. t., I set off $38^{\circ}14'$ N., on the latitude arc; $12^{\circ}10'$ N., on the declination arc; and determine a meridian with the solar, which I find agrees with the true meridian.

At app. noon, I make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's lower limb and the transit of the sun's W. limb, reversing the telescope and observing simultaneously, the altitude of the sun's upper limb and the transit of the sun's E. limb.

Mean observed altitude	$63^{\circ}53'$
Reduced latitude	$38^{\circ}14'$
Mean watch time of observation	12h 5m p.m.
Watch fast of l.m.t.	0h 1m 53s

At app. noon; with the instrument in the meridian and $38^{\circ}14'$ N. set off on the latitude arc, I find the reading of the declination arc to be $12^{\circ}7'$ N.

At 9h 30m app. t.; with the latitude arc unchanged, I set off $12^{\circ}5'$ N. on the declination arc; and determine a meridian with the solar, which I find agrees with the true meridian.

The instrument by a.m. and p.m. observations, define a position for meridians that do not vary more than 1' of arc from the Polaris meridian, I therefore conclude that the instrument is in good adjustment.

The instrument was kept in good adjustment throughout the progress of the survey, frequent tests being made on the meridian determined by observations on Polaris.

At the completion of the survey of this township, I make a final test of the instrument as follows.

October 31, 1921: At my camp, situated near the S. bdy.

sec. 29, T. 30 S., R. 7 E., latitude $38^{\circ}10'$ N., longitude $111^{\circ}13'$ W.; with the instrument in the meridian determined

October 12, 1921, by observation on Polaris at eastern elongation:

At 9h 30m a.m. app. t.; I set off $38^{\circ}10'$ N. on the latitude arc, $14^{\circ}4'$ S., on the declination arc, and determine a meridian with the solar, which I find agrees with the true meridian.

At app. noon: with the latitude arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is $14^{\circ}6'$ S., which agrees with the computed declination of the sun.

At 3h 30m p.m. app. t.; with the latitude arc unchanged, I set off $14^{\circ}08'$ S., on the declination arc, and determine a meridian with the solar which I find agrees with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, I conclude that the instrument is in good adjustment.

Measurements.

Unless otherwise specified, all measurements are made with Lallie steel ribbon tapes, 8 chains in length, compared with a Lufkin standard steel tape, 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Resurvey of the Sixth Standard Parallel South, Through R. 6 E

Chains	From the standard cor. secs. 31 and 32, which is a trachy stone, 18 x 8 x 4 ins. above ground, loosely set, marked SC on N. face, 5 grooves on E. face and 1 groove on W. face, alongside of which, Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to bed rock and in a mound of stone, for the reestablished standard cor. secs. 31 and 32, with brass cap marked,
	S C T30S R6E S31 S32
	1921
	From which,
	The old original bearing tree, which is, A yellow pine, 16 ins. dia., bears N. 43° W., 112 dist., marked SC T30S R6E S31 BT.
	Take additional bearing tree as follows.
	A yellow pine, 8 ins. dia., bears N. 8° E., 80 lks dist., marked T30S R6E S32 SC-BT.
	Thence,
	East, on a retracement line, along the S. bdy. sec. 32.
39.58	Fall 139 lks. N. of the standard $\frac{1}{4}$ sec. cor. sec. 32. The bearing of this $\frac{1}{2}$ mile therefore is, S. $87^{\circ}59'$ E., and the dist. is 39.60 chs.
	Offset to cor. and continue E., with continuous measurement.
79.38	Fall 20 lks. N. of the standard cor. secs. 32 and 33. The bearing of this $\frac{1}{2}$ mile therefore is S. $89^{\circ}43'$ E., and the dist. is 39.80 chs.
	East, on a retracement line, along the S. bdy. sec. 33.
39.81	Fall 30 lks. N. of the standard $\frac{1}{4}$ sec. cor. sec. 33. The bearing of this $\frac{1}{2}$ mile is therefore S. $89^{\circ}34'$ E., and the dist. is 39.81 chs.
	Offset to the $\frac{1}{4}$ sec. cor. and continue E., with continuous measurement.
80.28	Fall 71 lks. N. of the standard cor. secs. 33 and 34,

Resurvey of the Sixth Standard Parallel South, Through R. 6 E.

Chains	The bearing of this $\frac{1}{2}$ mile therefore is S. $89^{\circ}00'$ E., and the dist. is 40.48 chs.
	Thence,
	From the standard cor. secs. 31 and 32.
	S. $87^{\circ}59'$ E., on a resurvey line along the S. bdy. sec. 32.
	Ascend gradually over broken S. slope of ridge, through scattering undergrowth of sagebrush and scattering yellow and pinon pine and cedar timber.
6.00	Spur, 30 ft. above cor., projects S.; descend gradually.
10.80	Draw, 40 ft. below spur, drains S.; ascend gradually.
15.80	Spur, 50 ft. above draw, projects S.; descend abruptly.
39.60	On steep S. slope of ridge, 220 ft. below spur; the standard $\frac{1}{4}$ sec. cor. sec. 32, which is a trachyte stone, 18 x 12 x 6 ins. above ground, firmly set, marked SC $\frac{1}{4}$ on N. face, witnessed by a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, to the N.; along side of which, Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for the reestablished standard $\frac{1}{4}$ sec. cor. sec. 32, with brass cap marked.
	SC <u>$\frac{1}{4}$ S32.</u>
	1921
	No suitable bearing trees available.
	Thence,
	S. $89^{\circ}43'$ E., with continuous measurement.
54.00	Gulch, 140 ft. below cor., drains NE., leave yellow pine timber and cedar and pinon timber becomes dense, bears NE. and SW.; ascend abrupt NW. slope of ridge.
71.40	Enter level top of ridge which forms the divide bet. Spring Canyon and Sulphur Creeks, bears NE. and SW.
79.40	The standard cor. secs. 32 and 33, which is a trachyte, 16 x 10 x 6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general; alongside of which,

Resurvey of the Sixth Standard Parallel South, Through R.

	<p>Chains</p> <p>Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bed rock and in a mound of stone, for reestablish standard cor. secs. 32 and 33, with brass cap marked,</p> <table border="1"> <tr> <td>S</td><td>C</td></tr> <tr> <td>T30S</td><td>R6E</td></tr> <tr> <td>S32</td><td>S33</td></tr> </table> <p>1921</p> <p>From which,</p> <p>The original bearing tree, which is,</p> <p>A pinon, 6 ins. dia., bears N. 52° E., 26 lks. dist., marked SC T30S R6E S33 BT.</p> <p>The original bearing tree, which is,</p> <p>A pinon, 6 ins. dia., bears N. 22° W., 18 lks. dist., marked SC T30S R6E S32 BT.</p> <p>Cor. is situated on brink of abrupt descent from level top of ridge, which forms the divide bet. Spring Canyon and Sulphur Creek, bears NE. and SW.</p> <p>Land, broken, with a general northeasterly exposure and drainage.</p> <p>Soil, shallow, sandy loam, mixed with trachyte boulders; lying on granite bed rock.</p> <p>Undergrowth, scattering sage brush.</p> <p>Timber, scattering yellow and pinon pine and cedar on W. 54.00 chs., dense cedar and pinon remainder of mile.</p> <p>Good grazing.</p>	S	C	T30S	R6E	S32	S33
S	C						
T30S	R6E						
S32	S33						
	<p>S. $89^{\circ}34'$ E., on a resurvey line along the S. bdy. sec. 33.</p> <p>Descend abrupt SE. slope of ridge, through scattering undergrowth of sagebrush and dense cedar and pinon timber</p>						
22.00	<p>Base of abrupt descent, 425 ft. below cor., bears NE. and SW.; descend gradually.</p>						
24.20	<p>Small draw, 15 ft. below base of descent, drains S. 70° E.; continue gradual descent.</p>						
32.81	<p>The standard $\frac{1}{2}$ sec. cor. of sec. 33, which is a $\frac{1}{2}$ SC, marked on sandstone surface rock, witnessed by a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, SE. of cor., 4 ft.</p>						

Resurvey of the Sixth Standard Parallel South, Through R. 6 E.

Chains

the ground has been foreseen, 100 ft. N. of cor. dist. and a 12 ins. pinon, S. 80° E., 50 lks. dist., marked $\frac{1}{2}$ S BT.

As this cor. now becomes an angle point, I add the marks AP to the marks on the bearing tree and to the marks on the sandstone surface rock.

Thence,

S. $89^{\circ}00'$ E., with continuous measurement.

40.14 Point midway bet. the standard cor. sec. 32 and 33 and 33 and 34.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for standard $\frac{1}{2}$ sec. cor. sec. 33, with brass cap marked,

SC

$\frac{1}{2}$ S33

V

1321

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. No suitable bearing trees available.

50.30 West rim of box gulch, 75 ft. below draw, bears N. and S.; descend abruptly over nearly inaccessible sandstone ledges.

55.30 Bottom of box gulch, 150 ft. below W. rim, drains NE.; ascend abruptly over nearly inaccessible sandstone ledges.

59.30 East rim of box gulch, 230 ft. above bottom, bears NE. and SW.; descend gradually.

69.80 Draw, 20 ft. below rim, drains N.; ascend gradually.

76.90 White sandstone spur, 40 ft. above draw, projects N.; descend gradually.

80.26 On broken E. slope, 50 ft. below spur; the witness cor. to the standard cor. sec. 33 and 34, and the U.S. Forest Reserve Boundary Post No. 72, which is an iron post, 3 ins. dia., extending 12 ins. above a mound of stone, with brass cap marked and witnessed as described by the Surveyor general. This cor. is set for the bdy. of the Powell National Forest.

80.29 The standard cor. sec. 33 and 34, which is a sandstone, firmly set, size, 12 x 3 x 10 ins. above ground, marked and witnessed as described by the surveyor general.

Establishment of $\frac{1}{2}$ sec. cor. on the Sixth Standard
Parallel South, Along the South Bdy. of T. 30 S., R. 6 E.

Land, broken, with a general easterly exposure and drainage.
Soil, shallow, sandy loam, mixed with trachyte boulders;
lying on sandstone bed rock.
Undergrowth, scattering sagebrush.
Timber, dense cedar and pinon.
Good grazing.

Establishment of $\frac{1}{2}$ sec. cor. on the Sixth Standard
Parallel South, Along the South Bdy of T. 30 S., R. 6 E.

From the standard cor. secs. 33 and 34.

S. $82^{\circ}15'$ E., along the S. bdy. sec. 34.

33.34 The standard $\frac{1}{2}$ sec. cor. sec. 34, which is a sandstone,
6 x 14 x 8 ins. above ground, firmly set, marked and
witnessed as described by the surveyor general, alongside
of which,
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the
ground, for standard $\frac{1}{2}$ sec. cor., with brass cap marked

SC

S34

1921

From which, the original bearing trees are as follows.

A pinon, 14 ins. dia., bears N. $0^{\circ}45'$ E., 44 lks.
dist., marked SC $\frac{1}{2}$ S34 BT.

A pinon, 6 ins. dia., bears N. $65^{\circ}30'$ W., 60 lks.
dist., marked SC $\frac{1}{2}$ S34 BT.

Thence,
S. $82^{\circ}26'$ E., with continuous measurement.

73.35 The witness cor. to the standard cor. secs. 34 and 35,
and U.S. Forest Reserve Boundary Post No. 71, on bdy.
of Powell National Forest, which is an iron post, 3 ins.
dia., 2 ins. above a mound of stone, firmly set, marked
and witnessed as described by the surveyor general.

80.00 The standard cor. secs. 34 and 35, which is a sandstone,
17 x 5 x 30 ins. above ground, firmly set, marked and
witnessed as described by the surveyor general.

Establishement of $\frac{1}{4}$ sec. cors. on the Sixth Standard
Parallel South, Along the South Bdy. T. 30 S., R. 6 E.

Chains	S. $89^{\circ}01'$ E., along the S. bdy. sec. 35.
39.88	The standard $\frac{1}{4}$ sec. cor. sec. 35, which is a trachyte boulder, 2 x 3 x 2 ft. above ground, firmly set, marked $\frac{1}{4}$ SC on N. face, witnessed as described by the surveyor general. As this cor. becomes an angle point, I add AP to the marks on cor. and bearing trees. Thence,
	S. $89^{\circ}25'$ E., with continuous measurement.
40.05	Point midway bet. the closing standard cor. secs. 35 and 36 and the standard cor. secs. 34 and 35. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for standard $\frac{1}{4}$ sec. cor., with brass cap marked,
	<u>SC</u> <u>$\frac{1}{4}$ S35</u>
	1921
	From which,
	A pinon, 10 ins. dia., bears N. 30° E., 97 lks. dist., marked $\frac{1}{4}$ S35 SC BT.
	: A pinon, 10 ins. dia., bears N. $86^{\circ}30'$ W., 73 lks. dist., marked $\frac{1}{4}$ S35 SC BT.
79.17	The witness cor. to the standard cor. secs. 35 and 36, and U.S. Forest Reserve Bdy. Post No. 70, set on bdy. of Powell Forest Reserve, which is an iron post, 3 ins. dia., extending 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. As this cor. becomes an angle point, I add the marks AP to those on the cor. and bearing trees.
79.20	The standard cor. secs. 35 and 36, which is a trachyte stone, 10 x 8 x 6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. As this cor. becomes an angle point, I add the marks AP to those on cor. and bearing trees.

Establishment of $\frac{1}{4}$ sec. cors. on the Sixth Standard
Parallel South, Along the South Bdy. of T. 30 S., R. 6 E.

Chains	
	S. $89^{\circ}51'$. E., along the S. bdy. sec. 36.
.90	Point for the standard closing cor. secs. 35 and 36, hereinafter described.
40.16	The standard $\frac{1}{4}$ sec. cor. sec. 36, which is a sandstone, 10 x 6 x 10 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. As this cor. becomes an angle point, I add the marks AP to those on cor. and bearing trees.
	Thence,
	S. $89^{\circ}20'$ E., with continuous measurement.
40.90	Easting of 40.00 chs. from the standard closing cor. secs. 35 and 36. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for standard $\frac{1}{4}$ sec. cor. sec. 36, with brass cap marked,
	SC <u>$\frac{1}{4}$ S36</u>
	1921
	From which,
	A pinon, 8 ins. dia., bears N. 75° E., 27 lks. dist., marked $\frac{1}{4}$ S36 SC BT.
	A pinon, 6 ins. dia., bears N. 8° W., 85 lks. dist., marked $\frac{1}{4}$ S36 SC BT.
73.04	The witness cor. to the standard cor. T. 30 S., Rs. 6 and 7 E., and the U.S. Forest Reserve Bdy. Post No. 69, which is an iron post, 3 ins. dia., surrounded by a mound of stone, firmly set, set on bdy. of Powell Forest Reserve with brass cap marked and witnessed as described by the surveyor general.
73.09	The standard cor. T. 30 S., Rs. 6 and 7 E., which has the marks X ³⁶ ₃₁ SC chiseled on the limestone surface rock witnessed as described by the surveyor general.

Resurvey of the E. bdy. T. 30 S., R. 6 E.

Chains

- From the standard cor. T. 30 S., Rs. 6 and 7 E.
 North, on a retracement line bet. secs. 31 and 36.
- 40.00 Find no trace of the $\frac{1}{4}$ sec. cor.; I therefore continue N. on same line, looking for cors. at intervals of 40.00 chs. and at,
- 199.22 Fall 3.36 chs. W. of the $\frac{1}{4}$ sec. cor. secs. 12 and 24, which is a sandstone, 6 x 10 x 3 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, witnessed by a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. As there are no subdivisions dependent on this line to the N. of cor. secs. 12, 24, 25 and 30, I destroy this cor. The bearing of the line bet. the standard cor. T. 30 S., Rs. 6 and 7 E., and the original $\frac{1}{4}$ sec. cor. secs. 12 and 24, therefore is N. $0^{\circ}58'$ E., and the proportionate dist. for each $\frac{1}{2}$ mile is 39.85 chs. etc.
- Thence,
- From the standard cor. T. 30 S., Rs. 6 and 7 E., N. $0^{\circ}58'$ E., on a resurvey line along the E. bdy. sec. 36, through Ascend abruptly over medium dense growth of cedar and pinon timber and scattering undergrowth of shadscale.
- 19.50 West point of spur from high ridge, 450 ft. above cor.; descend abruptly over broken land.
- 39.85 Proportionate measurement; on steep N. slope, 740 ft. below point of spur.
 Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 31, with brass cap marked,
- | ls31
1921
- From which,
- A pinon, 6 ins. dia., bears N. 12° E., 29 lks.
 .. dist., marked $\frac{1}{4}$.S31 BT.
- A pinon, 8 ins. dia., bears S.. 72° E., 27 lks.
 .. dist., marked $\frac{1}{4}$.S31 BT.
- 42.48 Point, 40.00 chs. southing of the closing cor. secs. 25 and 36, on steep N. slope, 45 ft. below $\frac{1}{4}$ sec. cor. sec. 31.

Resurvey of the E. bdy. of T. 30 S., R. 6 E.

Chains

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for cor. sec. 36, with brass cap marked,

$\frac{1}{2}$ S36

1321

From which,

A cedar, 10 ins. dia., bears N. 82° W., 23 lks. dist., marked $\frac{1}{2}$ S36 BT.

A pinon, 6 ins. dia., bears S. $10^{\circ}15'$ W., 46 lks. dist., marked $\frac{1}{2}$ S36 BT.

50.30 Pleasant Creek, stream of good clear water, 15 lks. wide, 6 ins. deep, in bottom of deep canyon, 100 ft. below cor. sec. cor. sec. 36, drains N. 60° E. The water in this creek is used for irrigation purposes on the Floral Ranch, situated about $1\frac{1}{2}$ miles NE., Bown's Ranch, situated about 5 miles E. and on ranches at Notom, situated about 10 miles NE.; thence ascend over nearly inaccessible sandstone ledges which forms the N. breaks of Pleasant Creek.

62.20 Perpendicular sandstone ledge, 220 ft. high, bears NE. and SW.; continue abrupt ascent.

79.70 Proportionate measurement; on steep SE. slope of breaks of Pleasant Creek, 940 ft. above bottom of creek.

Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bed rock and in a mound of stone, for cor. secs. 30 and 31, with brass cap marked,

T30S | T30S

R6E | S30

S36 | S31

R7E | R7E

1321

From which,

A pinon, 6 ins. dia., bears N. 48° E., 46 lks. dist., marked T30S R7E S30 BT.

A pinon, 8 ins. dia., bears S. 38° E., 50 lks. dist., marked T30S R7E S31 BT.

Resurvey of the E. bdy. of T. 30 S., R. 6 E.

Chains	
82.49	Point for the closing cor. secs. 25 and 36, hereinafter described. Land, broken by breaks of Pleasant Creek, with a general northeasterly exposure and drainage. Soil, sandstone surface rock and shallow, sandy loam, mixed with loose sandstone, lying on sandstone bed rock. Undergrowth, scattering shadscale. Timber, medium dense growth of cedar and pinon and scattering cottonwood along bottom of Pleasant Creek. Good grazing, but broken sandstone ledges make it inaccessible for stock.
	N. $0^{\circ}58'$ E., on a resurvey line along the E. bdy. sec. 25. Ascend abruptly over nearly inaccessible sandstone ledge, through medium dense growth of cedar and pinon timber and scattering undergrowth of sagebrush.
4.00	Top of perpendicular sandstone ledge, 40 ft. high, 150 ft. above cor., bears NE. and SW.; ascend gradually.
5.50	Ridge, 45 ft. above top of ledge, bears NE. and SW.; descend gradually.
14.30	Gulch, 210 ft. below ridge, drains NE.; ascend abruptly.
22.00	Ridge, 200 ft. above gulch, bears NE. and SW.; descend gradually.
28.80	Draw, 40 ft. below ridge, drains NE.; ascend gradually.
37.06	On broken land, 30 ft. above draw; proportionate measurement. Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 30, with brass cap marked,
	S30
	1921
	From which,
	A pinon, 6 ins. dia., bears N. 35° E., 11 lks. dist., marked $\frac{1}{4}$ S30 BT.
	A pinon, 10 ins. dia., bears S. $25^{\circ}15'$ E., 54 lks. dist., marked $\frac{1}{4}$ S30 BT.

Resurvey of the E. bdy. of T. 30 S., R. 6 E.

Chains

- 40.005 Northing of 40.00 chs. from the closing cor. secs. 25 and
Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the
ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec.
cor. sec. 25, with brass cap marked,
- $\frac{1}{4}$ S25
- 1921
- From which, A cedar, 6 ins. dia., bears N. 80° W., 15 lks.
dist., marked $\frac{1}{4}$ S25 BT.
- A pinon, 10 ins. dia., bears S. $29^{\circ}30'$ W., 13 lks.
dist., marked $\frac{1}{4}$ S25 BT.
- 43.20 Spur, 40 ft. above the $\frac{1}{4}$ sec. cor. sec. 25, projects NE.;
descend abruptly.
- 58.30 Gulch, 500 ft. below spur, drains NE.; ascend abruptly.
- 64.50 Spur, 310 ft. above gulch, projects E.; descend abruptly.
- 70.40 Gulch, 280 ft. below spur, drains S. 70° E.; ascend abrupt
- 76.31 Proportionate measurement; on ridge, 300 ft. above gulch,
bears NW. and SE.
- Set an iron post, 3 ft. long, 2 ins. dia., 18 ins. in the
ground to bed rock and in a mound of stone, for cor.
secs. 19 and 30, with brass cap marked,
- T30S | T30S
S19 |
R6E |
S30 |
S25 | R7E
- 1921
- From which, A. pinon, 8 ins. dia., bears N. $33^{\circ}30'$ E., 52 lks.
dist., marked T30S R7E S19 BT.
- A pinon, 8 ins. dia., bears S. $42^{\circ}15'$ E., 83 lks.
dist., marked T30S R7E S30 BT.
- Thence N.,
- 80.01 On gentle NE. slope, 15 ft. below cor. secs. 19 and 30;
northing of 40.00 chs. from the $\frac{1}{4}$ sec. cor. sec. 25.
Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the
ground to bed rock and in a mound of stone, for cor.
secs. 24 and 25, with brass cap marked,

Resurvey of the E. bdy. of T. 30 S., R. 6 E.

Chains

	T30S	T30S	
	S24	R7E	
	S25		
	R6E.	S19	
		1321	
From which,			
A pinon, 8 ins. dia., bears N. $62^{\circ}30'$ W., 50 lks. dist., marked T30S R6E S24 BT.			
A pinon, 12 ins. dia., bears S. 77° W., 25 lks. dist., marked T30S R6E S25 BT.			
Land, broken by sandstone ledges and deep gulches, with a general northeasterly exposure and drainage.			
Soil, shallow, sandy loam, mixed with loose sand and lime- stone; lying on sandstone surface rock.			
Undergrowth, scattering sagebrush.			
Timber, medium dense growth of cedar and pinon.			
Fair grazing.			

North, on a resurvey line along the E. bdy. sec. 24.

Descend gradually over broken land through scattering
undergrowth of sagebrush and medium dense growth of cedar
and pinon timber.

5.30 Gulch, 60 ft. below cor., drains N. 60° E.; ascend gradually.

24.00 Spur, 80 ft. above gulch, projects E.; descend gradually.

35.90 Draw, 70 ft. below spur, drains NE.; ascend gradually.

36.90 On broken SE. slope, 30 ft. above draw; northing of 40.00
chs. from the cor. secs. 19 and 30.

Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the
ground to bed rock and in a mound of stone, for $\frac{1}{2}$ sec. cor.,
sec. 19, with brass cap marked,

$\frac{1}{2}$ S19

1921

From which,

A pinon, 14 ins. dia., bears NE., 52 lks.
dist., marked $\frac{1}{2}$ S19 BT.

A pinon, 10 ins. dia., bears S. 15° E., 65 lks.
dist., marked $\frac{1}{2}$ S19 BT.

Resurvey of the E. bdy. of T. 30 S., R. 6 E.

chains

- 38.00 Spur, 40 ft. above the $\frac{1}{2}$ sec. cor., projects E.; descend abruptly.
- 40.00 Point for the $\frac{1}{2}$ sec. cor. sec. 24, falls in sandstone ledges where it is impossible to set a permanent cor.; I therefore mark a cross (X) for true cor. point on smooth sandstone surface rock.
- 41.00 On smooth sandstone surface rock, mark a cross (X) for exact cor. point, over which, Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for witness cor. to the $\frac{1}{2}$ sec. cor. sec. 24, with brass cap marked,
- S24
WC
1321
- From which,
- A cedar, 14 ins. dia., bears N. 65° W., 18 lks. dist marked WC $\frac{1}{2}$ S24 BT.
- A pinon, 6 ins. dia., bears S. 35° W., 35 lks. dist marked WC $\frac{1}{2}$ S24 BT.
- 41.30 Draw, 60 ft. below spur, drains N. 70° E.; ascend gradually.
- 53.40 Spur, 60 ft. above draw, projects N. 80° E.; descend gradually.
- 55.30 Draw, 40 ft. below spur, drains N. 80° E.; ascend gradually.
- 59.50 Spur, 30 ft. above draw, projects N. 80° E.; descend abruptly.
- 67.30 Gulch, 140 ft. below spur, drains NE.; ascend gradually.
- 75.00 Spur, 20 ft. above gulch, projects NE.; descend gradually.
- 76.20 On gentle NW. slope, 15 ft. below spur; on sandstone surface rock; northing of 40.00 chs. from the $\frac{1}{2}$ sec. cor. sec. 18; mark a cross (X) for exact cor. point, over which, Set an iron post, 3 ft. long, 2 ins. dia., in a mound of stone, for cor. secs. 18 and 19, with brass cap marked,

T30S	T30S
S18	
R6E	
S19	
S24	R7E
1321	

Resurvey of the E. bdy. of T. 30 S., R. 6 E.

Chains

From which,

A pinon, 6 ins. dia., bears N. 55° E., 56 lks.
dist., marked T30S R7E S18 BT.

A pinon, 6 ins. dia., bears S. 33° E., 48 lks.
dist., marked T30S R7E S19 BT.

79.40 The original cor. secs. 13, 18, 19 and 24, which is dastr
sandstone, 6 x 14 x 3 ins. above mound of stone, firmly
set, marked and witnessed as described by the surveyor
general, which I destroy, bears S. $80^{\circ}30'$ E., 330 lks.
dist.

80.00 On broken NW. slope, near bottom of gulch, 60 ft. below
cor. secs. 18 and 19, on sandstone surface rock, mark a
cross (X) for exact cor. point, over which,
Set an iron post, 3 ft. long, 2 ins. dia., in a mound of
stone, for cor. secs. 13 and 24, with brass cap marked,

T30S	T30S
S18	
S24	R7E
R6E	S18
1921	

From which,

A pinon, 14 ins. dia., bears N. 62° W., 24 lks.
dist., marked T30S R6E S13 BT.

A pinon, 10 ins. dia., bears S. $62^{\circ}30'$ W., 89 lks.
dist., marked T30S R6E S24 BT.

Land, broken by deep gulches and sandstone ledges, with
a general northeasterly exposure and drainage.

Soil, shallow, sandy loam, mixed with loose sandstone;
lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, medium dense growth of cedar and pinon.

Fair grazing.

North, on a resurvey line along the E. bdy. sec. 13.

Descend abruptly over broken land through scattering
undergrowth of sagebrush and medium dense growth of
cedar and pinon timber.

Resurvey of the E. bdy. of T. 30 S., R. 6 E.

Chains	
3.00	Gulch, 40 ft. below cor., drains N. 30° E.; ascend gradually.
14.00	Spur; 30 ft. above gulch, projects N. 40° E.; descend gradually.
20.10	Gulch, 50 ft. below spur, drains NE.; ascend gradually.
25.40	Spur, 60 ft. above gulch, projects N. 50° E.; descend gradually.
28.30	Gulch, 40 ft. below spur, drains NE.; ascend gradually.
30.50	Spur, 110 ft. above gulch, projects NE.; descend gradually.
36.30	The original $\frac{1}{4}$ sec. cor. secs. 13 and 18, which is a $\frac{1}{4}$ X marked on smooth sandstone surface rock, witnessed by a mound of stone, 3 ft. base, 4 ft. high, W. of mark bears S. $86^{\circ}30'$ E., 355 lks. dist. I obliterate the mark ($\frac{1}{4}$ X) on the smooth sandstone surface rock.
36.90	Northing of 40.00 chs. from the cor. secs. 18 and 19; on gentle NW. slope, 40 ft. below spur. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 18, with brass cap marked,
	$\frac{1}{4}$ S18
	1921
	From which,
	A pinon, 8 ins. dia., bears N. 8° E., 200 lks. dist., marked $\frac{1}{4}$ S18 BT.
	A pinon, 8 ins. dia., bears S. 60° E., 112 lks. dist., marked $\frac{1}{4}$ S18 BT.
40.00	On gentle NW. slope, 25 ft. below the $\frac{1}{4}$ sec. cor. sec. 18; on smooth sandstone surface rock, mark a cross (X) for exact cor. point, over which, Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 13, with brass cap marked,
	$\frac{1}{4}$ S13
	1921
	From which,
	A pinon, 8 ins. dia., bears N. 57° W., 30 lks. dist., marked $\frac{1}{4}$ S13 BT.

Resurvey of the E. bdy. of T. 30 S., R. 6 E.

Chains

- A pinon, 6 ins. dia., bears SW., 70 lks. dist., marked $\frac{1}{2}$ S13 BT. 1921
- 46.00 Gulch, 50 ft. below the $\frac{1}{2}$ sec. cor. sec. 13, drains N. 60° E.; ascend abruptly.
- 52.20 Ridge, 100 ft. above gulch, bears N. 60° E. and S. 60° W.; descend abruptly.
- 58.30 Gulch, which forms the head of Capitol Wash, 310 ft. below ridge, drains N. 80° E.; ascend abruptly.
- 62.80 East point of spur, 75 ft. above gulch; descend abruptly.
- 65.00 Gulch, 90 ft. below spur, drains E.; ascend abruptly.
- 71.40 Ridge, 300 ft. above gulch, bears E. and W.; descend gradually.
- 76.50 The original sec. cor. secs. 7, 12, 13 and 18, which is a sandstone, 10 x 16 x 10 ins. above ground, marked and witnessed as described by the surveyor general, which I destroy, bears E., 277 lks. dist.
- 76.90 Northing of 40.00 chs. from the $\frac{1}{2}$ sec. cor. sec. 18; on gentle NE. slope, 75 ft. below top of ridge.
Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bed rock and in a mound of stone, for cor. secs. 7 and 18, with brass cap marked,

T30S T30S

R6E

S18

S13 R7E

1921

From which,

A pinon, 6 ins. dia., bears N. $76^{\circ}30'$ E., 47 lks.

dist., marked T30S R7E S7 BT.

A pinon, 8 ins. dia., bears S. 63° E., 80 lks.

dist., marked T30S R7E S18 BT.

- 80.00 On gentle NE. slope, 40 ft. below the cor. secs. 7 and 18. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 12 and 13, with brass cap marked,

T30S T30S

S12

S13

R7E

R6E

S7

1921

Resurvey of the E. bdy. of T. 30 S., R. 6 E.

Chains

- From which,
 A pinon, 8 ins. dia., bears N. $74^{\circ}30'$ W., 42 lks.
 dist., marked T30S R6E S12 BT.
 A cedar, 10 ins. dia., bears S. 29° W., 42 lks.
 dist., marked T30S R6E S13 BT.
 Land, broken by deep gulch, with a general easterly expos
 and drainage.
 Soil, shallow, sandy loam, mixed with loose sandstone;
 lying on sandstone bed rock.
 Undergrowth, scattering sagebrush,
 Timber, medium dense growth of cedar and pinon.
 Fair grazing.

North, on a resurvey line along the E. bdy. sec. 12.
 Descend gradually over broken land through scattering
 undergrowth of sagebrush and scattering cedar and pinon
 timber.

- 9.30 Gulch, 60 ft. below cor., drains E.; ascend gradually.
 16.00 Spur, 40 ft. above gulch, projects E.; descend gradually.
 18.10 Road, bears NE., to Fruita, Ut. and SW., to Grover, Ut.
 21.30 Gulch, 30 ft. below spur, drains N. 70° E.; ascend gradual.
 21.80 One wire telephone line, bears E. to Caneville, Ut. and
 W. to Fruita, Ut.
 25.20 County road, bears S. 80° E. to Caneville, and N. 80° W.
 to Fruita; thence ascend abrupt SW. slope of the Capitol
 Reef Cliffs.
 36.00 Top of perpendicular sandstone ledge, 40 ft. high, 210 ft.
 above gulch, bears SE. and NW.; continue abrupt ascent.
 36.30 Find no trace of the original $\frac{1}{2}$ sec. cor. secs. 7 and 12.
 36.90 Northing of 40,00 chs. from the cor. secs. 7 and 18; on
 Steep SW. slope of the Capitol Reef Cliffs, 40 ft. above
 ledge.
 Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the
 ground to bed rock and in a mound of stone, for $\frac{1}{2}$ sec.
 cor. sec. 7, with brass cap marked.

Resurvey of the E. bdy. of T. 30 S., R. 6 E.

Chains

$\frac{1}{2}$ S7

1921

From which,

A pinon, 10 ins. dia., bears N. 68° E., 124 lks.

dist., marked $\frac{1}{4}$ S7 BT.

A cedar, 7 ins. dia., bears S. 48° E., 63 lks.

dist., marked $\frac{1}{4}$ S7 BT.

40.00 On steep SW. slope, 25 ft. above the $\frac{1}{4}$ sec. cor. sec. 7. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{2}$ sec. cor. sec. 12, with brass cap marked.

$\frac{1}{2}$ S12

1921

From which,

A pinon, 8 ins. dia., bears N. 46° W., 66 lks.

dist., marked $\frac{1}{4}$ S12 BT.

A pinon, 7 ins. dia., bears S. 48° W., 55 lks.

dist., marked $\frac{1}{4}$ S12 BT.

67.00 Point 9.30 chs. S. of the true point for cor. of secs. 6 and 7, at base of the main ledge of the Capitol Reef Cliffs, about 300 ft. high, with a perpendicular SW. face; 550 ft. above the $\frac{1}{4}$ sec. cor. sec. 12; Seeing that the true point for cor. of secs. 6 and 7, will fall in inaccessible sandstone ledges, where it will be impossible to set cor.; at this point.

Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bed rock and in a mound of stone, for witness cor. to the cor. secs. 6 and 7, with brass cap marked.

W C	
T30S	T30S
R6E	S6
S12	S7
	R7E

1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No suitable bearing trees available.

Resurvey of the E. bdy. of T. 30 S., R. 6 E.

Chains

As it is impossible to continue my line N. from this cor. on account of inaccessible sandstone ledges, I offset as follows.

West, 6.88 chs. dist.; then, on offset line:

North, 76.90 chs. (counted from cor. of secs. 12 and 13): True point for the original cor. secs.

1, 6, 7 and 12, falls on inaccessible sandstone ledges. Continue N., on offset line to.

80.02

Point on offset line, N. $89^{\circ}50'$ W., 6.88 chs. dist. from true point for the cor. of secs. 1 and 12, and on line bet. secs. 1 and 12; at base of inaccessible sandstone ledges which form forms the main ledge of the Capitol Reef Cliffs, 380 ft. high, bears N. 30° W. and S. 30° E. True cor. point cannot be reached; therefore:

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for witness cor. to the cor. secs. 1 and 12, with brass cap marked.

T30S T30S

S1

R7E WC

S12

R6E S6

1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No suitable bearing trees available.

Land, broken by sandstone ledges, with a general south-westerly exposure and drainage.

Soil, shallow sandy loam, mixed with loose sandstone, lying on sandstone bed rock.

Undergrowth, scattering sagebrush, and

Timber, scattering cedar and pinon.

Poor grazing.

Note: The land to the N. of this cor., consists of inaccessible sandstone ledges, cut by deep box canyons and is unsurveyable.

Resurvey of the N. hdy. of T. 30 S., R. 6 E.

Chains

Being unable to reach the cor. of Ts. 29 and 30 S., Rs. 6 and 7 E., on account of inaccessible sandstone ledges, about 650 ft. f. high, bearing NE. and SW., which form the main ledge of the Capitol Reef Cliffs; Is commence at the original $\frac{1}{2}$ sec. cor. secs. 1 and 36, hereinafter described.

Thence,

West, on a retracement line bet. secs. 1 and 36.

39.97 Fall 13 lks. N. of the cor. secs. 1, 2, 35 and 36, hereinafter described.

The bearing of this $\frac{1}{2}$ mile is therefore, S. $89^{\circ}43'$ W., and the dist. is 39.97 chs.

West, on a retracement line bet. secs. 2 and 35.

39.76 Intersect the $\frac{1}{2}$ sec. cor. secs. 2 and 35.

The bearing of this $\frac{1}{2}$ mile is therefore W., and the dist. is 39.76 chs.

Continue W., on same line with continuous measurement.

80.88 Fall 11 lks. S. of the cor. secs. 2, 3, 34 and 35, hereinafter described.

The bearing of this $\frac{1}{2}$ mile is therefore, N. $89^{\circ}51'$ W., and the dist. is 41.12 chs.

Thence,

From the $\frac{1}{2}$ sec. cor. secs. 1 and 36, which is a sandstone, 7 x 4 x 6 ins. above ground, firmly set, properly marked, unwitnessed, alongside of which,

Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{2}$ sec. cor. sec. 36 only, with brass cap marked,

S36

1321

From which,

A cedar, 8 ins. dia., bears N. 61° E., 122 lks. dist., marked $\frac{1}{2}$ S36 BT.

Resurvey of the N. bdy. of T. 20 Sept. 26 E.

Chains

- A pinon, 8 ins. dia., bears N. 26° E., 164 lks.
 dist., marked $\frac{1}{4}$ S36 BT.
 S. $83^{\circ}43'$ W., on a resurvey line along the N. bdy. sec.
 1, setting cors. at intervals of 40.00 chs. from the
 closing cor. secs. 1 and 2, hereinafter described.
 Ascend gradually over broken land through scattering
 undergrowth of sagebrush and scattering cedar and pinon
 timber.
 1.85 Easting of 40.00 chs. from the closing cor. secs. 1 and 2.
 Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the
 ground to bed rock and in a mound of stone, for 1 sec.
 cor. sec. 1, with brass cap marked,
 $\frac{1}{4}$ S1
 From which,
 A pinon, 10 ins. dia., bears S. 17° E., 130 lks.
 dist., marked $\frac{1}{4}$ S1 BT.
 A pinon, 8 ins. dia., bears S. 6° W., 170 lks.
 dist., marked $\frac{1}{4}$ S1 BT.
 13.70 Wash, 15 ft. wide, 3 ft. deep, drains NW.
 14.00 County road, bears SE. to Caneville, Ut., and NW. to Fruita,
 Ut.
 19.60 Enter rolling top of bench, 60 ft. above the 1 sec. cor.
 secs. 36, bears N. and S.; thence over rolling top of
 bench.
 22.00 One wire telephone line, bears SE. to Caneville, and NW.
 to Fruita.
 35.30 Leave rolling top of bench, bears N. and S.; descend a
 abruptly.
 37.40 Guich, 70 ft. below bench, drains N. 10° W.; ascend
 gradually.
 39.37 The original cor. secs. 1, 2, 35 and 36, which is a
 quartzite, 10 x 10 x 10 ins. above ground, properly
 marked, firmly set, witnessed by a pinon, 10 ins. dia.,
 N. 67° E., 76 lks. dist. from cor., properly marked.

Resurvey of the N. bdy. of T. 30 S., R. 6 E.

Chains

alongside of which,

Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bed rock and in a mound of stone, for cor. secs. 35 and 36, with brass cap marked,

T23S	R6E
S35	S36

T30S	R6E
S. 1	
1921	

Take an additional bearing tree as follows.

A cedar, 8 ins. dia., bears N. 3° W., 85 lks.

dist., marked T23S R6E S35 BT.

Thence,

West, with continuous measurement.

41.85 Point for the closing cor. secs. 1 and 2, hereinafter described.

Land, broken, with a general northerly exposure and drainage.

Soil, shallow, sandy loam, mixed with loose sandstone and quartzite, lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

West, on a resurvey line along the N. bdy. sec. 2.

Ascend gradually over broken land through scattering undergrowth of sagebrush and scattering scrub cedar and pinon timber.

11.40 Spur, 90 ft. above cor. secs. 35 and 36, projects N. 10° E.; descend abruptly.

15.30 Gulch, 90 ft. below spur, drains N.; ascend abruptly.

25.00 Spur, 150 ft. above gulch, projects N. 22° E.; descend abruptly.

37.50 Gulch, 110 ft. below spur, drains N. 20° E., ascend abruptly, over broken sandstone ledges, bears N. 20° E. and S. 20° W.

37.88 At top of ledges, 70 ft. above bottom of gulch; the original sec. cor. secs. 2 and 35, which is a sandstone,

Resurvey of the N. bdy. T. 30 S., R. 6 E.

	Chains	10 x 10 x 5 ins. above a mound of stone, marked $\frac{1}{4}$ on N. face, witnessed by a mound of stone, 5 ft. base, 4 ft. high, N. of cor. 2 ft. dist.; alongside of which, Set an iron post, 3 ft. long, 1 in. dia., 4 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor. secs 35, with brass cap marked,
		$\frac{1}{4}$ S35
		1921
	From which;	A pinon, 6 ins. dia., bears N. 31° E., 176 lks. dist., marked $\frac{1}{4}$ S35 BT.
		A cedar, 10 ins. dia., bears N. 49° W., 48 lks. dist., marked $\frac{1}{4}$ S35 BT.
	Thence,	N. $89^{\circ}51'$ W., with continuous measurement; ascent becomes gradual, bears NE. and SW.
40.00	On gentle SE. slope, 10 ft. above $\frac{1}{4}$ sec. cor. sec. 35; on sandstone surface rock, mark a cross (X) for exact cor. point over which,	Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 2, with brass cap marked,
		$\frac{1}{4}$ S2
		1921
	From which,	A pinon, 10 ins. dia., bears S. 49° E., 57 lks. dist., marked $\frac{1}{4}$ S2 BT.
		A cedar, 10 ins. dia., bears S. $19^{\circ}15'$ W., 29 lks. dist.; marked $\frac{1}{4}$ S2 BT.
57.00	Spur; 200 ft. above the $\frac{1}{4}$ sec. cor., projects N. 30° E.; descend gradually.	
58.00	Draw, 20 ft. below spur; drains N. 30° E.; ascend gradually.	
72.30	Ridge, 180 ft. above draw, bears NE. and SW.; descend abruptly over broken sandstone ledges.	
76.70	Bottom of deep rocky gulch, 510 ft. below ridge, drains NE.; ascend gradually over E. point of Spur.	

The Establishment of sec. and $\frac{1}{4}$ sec. cors. on the

N. bdy. of T. 30 S., R. 6 E.

Chains 73.00	The cor. of secs. 34 and 35, on rocky on point of spur, projects E., 15 ft. above gulch; which is an iron post, extending 12 ins. above ground, marked and witnessed as described by the surveyor general. I efface the marks on the cor. and bearing trees that pertain to secs. 2 and 3. Thence, west, with continuous measurement.
80.00	On N. slope of Spur, 15 ft. above cor. secs. 34 and 35. Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bed rock and in a mound of stone, for cor. secs. 2 and 3, with brass cap marked,
	$\begin{array}{c} \text{T29S R6E} \\ \text{S34} \\ \hline \text{T30S R6E} \\ \text{S3 S2} \\ \text{1921} \end{array}$
	From which, A pinon, 8 ins. dia., bears S. 32° E., 51 lks. dist., marked T30S R6E S2 BT. A pinon, 6 ins. dia., bears S. 10° W., 21 lks. dist., marked T30S R6E S3 BT. Land, broken by sandstone ledges and deep gulches, with a general northeasterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, scattering scrub cedar and pinon. Fair grazing.

The Establishment of sec. and $\frac{1}{4}$ sec. cors. on the

N. bdy. of T. 30 S., R. 6 E.

From the cor. secs. 2 and 3. West, along the N. bdy. sec. 3, establishing sec. and $\frac{1}{4}$ sec. cors. at interval of 40.00 chs. for T. 30 S., R. 6 E. The $\frac{1}{4}$ sec. cor. originally for secs. 3 and 34, which is an iron post, extending 10 ins. above ground, with brass cap marked and witnessed as described by the surveyor general.
31.60

Establishment of sec. and $\frac{1}{2}$ sec. cor. on the

N. bdy. of T. 30 S., R. 6 E.

Chains

I efface the marks on the cor. and bearing tree that pertain to sec. 3. No other suitable bearing tree found for sec. 34.

40.00 On steep NW. slope, 45 ft. below the $\frac{1}{2}$ sec. cor. sec. 34. Set an iron post, 3 ft. long, 1 ins. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{2}$ sec. cor. sec. 3, with brass cap marked,

T 30 S 3

1921

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor. No suitable bearing trees available.

71.60 The cor. originally for secs. 3, 4, 33 and 34, which is an iron post, 2 ins. dia., extending 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. I efface the marks on cor. and bearing trees that pertain to secs. 3 and 4.

80.00 On steep NW. slope, 155 ft. below cor. secs. 33 and 34. Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to bed rock and in a mound of stone, for cor. secs. 3 and 4, with brass cap marked,

T29S R6E

S 33

T30S R6E

S 4 S 3

1921

From which,

A pinon, 6 ins. dia., bears S. $50^{\circ}15'$ E., 68 lks. dist., marked T30S R6E S3 BT.

A pinon, 6 ins. dia., bears S. 38° W., 11 lks. dist., marked T30S R6E S4 BT.

West, along the N. bdy of sec. 4.

31.60 The $\frac{1}{2}$ sec. cor. originally for secs. 4 and 33, which is an iron post, 1 ins. dia., extending 2 ins. above a mound of stone, firmly set, with brass cap marked and witnessed as described by the surveyor general. I efface

Establishment of sec. and $\frac{1}{4}$ sec. corrs. on the

N. bdy. of T. 30 S., R. 6 E.

Chains

the marks on corr. and bearing tree, that pertain to sec. 4, and take an additional bearing tree for sec. 33, as follows.

A pinon, 8 ins. dia., bears N. $62^{\circ}30'$ W., 58 lks.
dist., marked $\frac{1}{2}$ S33 BT.

40.00 On steep NW. slope, 60 ft. below the $\frac{1}{4}$ sec. corr. sec. 33. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{2}$ sec. corr. sec. 4, with brass cap marked,

$\frac{1}{2}$ S4

1921

From which,

A pinon, 8 ins. dia., bears S. 61° E., 16 lks.
dist., marked $\frac{1}{2}$ S4 BT.

A pinon, 8 ins. dia., bears S. 82° W., 29 lks.
dist., marked $\frac{1}{2}$ S4 BT.

71.60 The corr. originally for secs. 4, 5, 32 and 33, which is an iron post, 2 ins. dia., extending 2 ins. above a mound of stone, firmly set, with brass cap marked and witnessed as described by the surveyor general. I efface the marks on the corr. and bearing trees that pertain to secs. 4 and 5.

80.00 On gentle E. slope, 35 ft. above corr. secs. 32 and 33. Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground to bed rock and in a mound of stone, for corr. secs. 4 and 5, with brass cap marked,

T29S R6E
S32
T30S R6E
S5 | S4
1921

From which,

A pinon, 8 ins. dia., bears S. 28° E., 16 lks.
dist., marked T30S R6E S4 BT.

A pinon, 6 ins. dia., bears S. $61^{\circ}30'$ W., 34 lks.
dist., marked T30S R6E S5 BT.

Establishment of sec. and $\frac{1}{2}$ sec. cor. on the

N. bdy. of T. 30 S., R. 6 E.

Chains

West, along the N. bdy. of sec. 5.

31.60 The $\frac{1}{2}$ sec. cor. originally for secs. 5 and 32, which is an iron post, 1 in. dia., extending 10 ins. above the ground, firmly set, with brass cap marked and witnessed as described by the surveyor general. I efface the marks on the cor. and bearing tree that pertain to sec. 5, and take an additional bearing tree for sec. 32 as follows.
 A pinon, 15 ins. dia., bears N. 32° E., 23 lks.
 dist., marked $\frac{1}{2}$ S32 BT.

40.00 On gentle E. slope, 30 ft. above the $\frac{1}{2}$ sec. cor. sec. 32. Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{2}$ sec. cor. sec. 5, with brass cap marked,

 $\frac{1}{2}$ S5

1921

✓

From which,

A cedar, 14 ins. dia., bears S. 37° E., 17 lks.
 dist., marked $\frac{1}{2}$ S5 BT.

A pinon, 12 ins. dia., bears S. 46° W., 12 lks.
 dist., marked $\frac{1}{2}$ S5 BT.

71.60 The cor. originally for secs. 5, 6, 31 and 32, which is an iron post, 2 ins. dia., extending 12 ins. above a mound of stone, firmly set, with brass cap marked and witnessed as described by the surveyor general. I efface the marks on cor. and bearing trees, that pertain to secs. 5 and 6.

80.00 On gentle E. slope of ridge, 100 ft. above cor. secs. 32 and 33.

Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to bed rock and in a mound of stone, for cor. secs. 5 and 6, with brass cap marked,

T29S R6E.

S32

T30S R6E.

S6 S5

1921

✓

Establishment of sec. and $\frac{1}{4}$ sec. cor. on the
N. bdy. of T. 30 S., R. 6 E.

Chains	
	From which,
	A pinon, 6 ins. dia., bears S. 30° E., 25 lks. dist., marked T30S R6E S5 BT.
	A pinon, 8 ins. dia., bears S. 41° W., 61 lks. dist., marked T30S R6E S6 BT.
	West, along the N. bdy. sec. 6.
31.60	The $\frac{1}{4}$ sec. cor., originally for secs. 6 and 31, which is an iron post, 1 ins. dia., extending 10 ins. above a mound of stone, firmly set, with brass cap marked and witnessed as described by the surveyor general. I efface marks on cor. and bearing tree, that pertain to sec. 6, and take an additional bearing tree for sec. 31, as follows.
	A pinon, 6 ins. dia., bears N. 37° E., 21 lks. dist., marked $\frac{1}{4}$ S31 BT.
40.00	On gentle W. slope, 60 ft. below the $\frac{1}{4}$ sec. cor. sec. 31; on sandstone surface rock, mark a cross (X) for exact cor. point, over which, Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 6, with brass cap marked,
	$\frac{1}{4}$ S6 1921 V
	From which,
	A pinon, 12 ins. dia., bears S. 57° E., 25 lks. dist., marked $\frac{1}{4}$ S6 BT.
	A pinon, 10 ins. dia., bears S. $60^{\circ}30'$ W., 15 lks. dist., marked $\frac{1}{4}$ S6 BT.
71.60	The closing cor. Ts. 23 and 30 S., R. 6 E., which is an iron post, 3 ins. dia., extending 12 ins. above a mound of stone, firmly set, with brass cap marked and witnessed as described by the surveyor general.

Resurvey of the W. bdy. of T. 30 S., R. 6 E.

Chains

From the cor. secs. 30 and 31, on the W. bdy. of the township, which is a trachyte, 14 x 10 x 20 ins. above a mound of stone, firmly set, properly marked and witnessed alongside of which, is an iron post, 2 ins. dia., extending 12 ins. above a mound of stone, firmly set, with brass cap, properly marked and witnessed.

N. 1°33' E., on a resurvey line along the W. bdy. sec. 30.
.36 The cor. secs. 25 and 36, R. 5 E.
37.40 On steep S. slope of smooth sandstone surface rock; southing of 40.00 chs. from the point for the closing cor. secs. 12 and 30; mark a cross (X) for exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone for 1/2 sec. cor. sec. 30, with brass cap marked,

S30
1921

Raise a mound of stone, 2 ft. base; 1½ ft. high, E. of cor. No suitable bearing trees available.

40.15 The original 1/2 sec. cor. sec. 30, which is marked

S30
1920

chiseled on the smooth sandstone surface rock, witnessed by a mound of stone, 2 ft. base, 1½ ft. high to the E. of cor. As this cor. now stands for an angle point, I add the marks "AP" to those on the sandstone surface rock.

40.37 The 1/2 sec. cor. sec. 25, which is marked

S25
1920

chiseled on the smooth sandstone surface rock, witnessed by a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

77.41 Point for the closing cor. secs. 12 and 30, hereinafter described. Thence along the W. bdy. sec. 12.

50.31 The cor. originally for secs. 12 and 30, which is a sandstone, 14 x 10 x 12 ins., in a mound of stone, properly marked and witnessed, alongside of which, is an iron post, 2 ins. dia., extending 12 ins. above a mound of stone, firmly set, with brass cap, properly marked

Resurvey of the W. bdy. of T. 30 S., R. 6 E.

Chains	<p>and witnessed. As this cor. now stands for and angle point, I add the marks "AP" to those on the cor. and bearing trees.</p>
.08	<p>N. $0^{\circ}21'$ E., on a resurvey line along the W. bdy. sec. 13. The cor. secs. 24 and 25, which is an iron post, 2 ins. dia., extending 12 ins. above a mound of stone, firmly set, properly marked and witnessed.</p>
36.96 $\frac{1}{2}$	<p>Point midway bet. the points closing cors. secs. 19 and 30, and secs. 18 and 19; On smooth sandstone surface rock, mark a cross (X) for exact cor. point, over which, Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{2}$ sec. cor. sec. 19, with brass cap marked,</p> <p style="text-align: center;">$\frac{1}{2}$ S19</p> <p style="text-align: center;">1921</p> <p>From which,</p> <p>A yellow pine, 10 ins. dia., bears N. $42^{\circ}30'$ E., 96 lks. dist., marked $\frac{1}{4}$ S19 BT.</p> <p>A yellow pine, 18 ins. dia., bears S. 60° E., 19 lks. dist., marked $\frac{1}{4}$ S19 BT.</p>
40.08	<p>The $\frac{1}{2}$ sec. cor. sec. 24, which is an iron post, 1 in. dia., extending 10 ins. above a mound of stone, firmly set, properly marked and witnessed.</p>
40.21	<p>The $\frac{1}{2}$ sec. cor. originally for sec. 19, which is a white sandstone, 15 x 10 x 36 ins. above a mound of stone, properly marked and witnessed, along side of which, is an iron post, 1 in. dia., extending 10 ins. above a mound of stone, firmly set, with brass cap properly marked and witnessed. As this cor. now stands for an angle point, I add the marks "AP" to those on the cor. and bearing trees. Thence, N. $0^{\circ}37'$ E.</p>
76.83	<p>The closing cor. secs. 18 and 19, and U.S. Forest Reserve Boundary Post No. 78, set on boundary of Powell Forest Reserve, which is an iron post, 3 ins. dia., surrounded by a mound of stone, firmly set, properly marked and</p>

Resurvey of the W. bdy. of T. 30 S., R. 6 E.

Chains

witnessed. Thence, N. $0^{\circ}37'$ E., along the W. bdy. sec. 18

79.76 The cor. originally for secs. 18 and 19, which is a sandstone 15 x 14 x 12 ins. in a mound of stone, properly marked and witnessed, alongside of which, is an iron post, 2 ins dia., extending 12 ins. above a mound of stone, firmly set, properly marked and witnessed. As this cor. now stands for an angle point, I add the marks "AP" to those on the cor. and bearing trees.

N. $0^{\circ}41'$ E., on a resurvey line along the W. bdy. sec. 18.

.32 The cor. secs. 13 and 24, which is an iron post, 2 ins. dia., extending 12 ins. above a mound of stone, firmly set, with brass cap, properly marked and witnessed,

37.07 Northing of 40.00 chs. from the closing cor. secs. 18 and 19 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 18, with brass cap marked,

$\frac{1}{4}$ S18

1921

Dig pits, 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist. No suitable bearing trees available.

39.85 The $\frac{1}{4}$ sec. cor. originally for sec. 18, which is an iron post, 1 in. dia., extending 10 ins. above ground, firmly set, properly marked and witnessed. As this cor. now stands for an angle point, I add the marks "AP" to those on the cor.

Thence, N. $0^{\circ}19'$ E., with continuous measurement.

40.32 The $\frac{1}{4}$ sec. cor. sec. 13; which is an iron post, 1 in. dia., extending 10 ins. above ground, with brass cap properly marked and witnessed.

77.07 On E. rim of gulch; northing of 40.00 chs. from the $\frac{1}{4}$ sec. cor. sec. 18, on sandstone surface rock; mark a cross (X) for exact cor. point, over which, Set an iron post, 3 ft. long, 2 ins. dia., in a mound of stone, for cor. secs. 7 and 18, with brass cap marked,

Resurvey of the W. bdy. of T. 30 S., R. 6 E.

Chains

T30S	T30S
S7	
R5E	
S18	
S13	R6E
1921	

From which,

A red pine, 10 ins. dia., bears N. 48° E., 80 lks.

dist., marked T30S R6E S7 BT..

A red pine, 18 ins. dia., bears S. 40° E., 5 lks.

dist., marked T30S R6E S18 BT.

Thence, N. $0^{\circ}41'$ E., along the W. bdy. sec. 7.

79.35 The cor. originally for secs. 7, 12, 13 and 18, which is a sandstone, 10 x 10 x 12 ins. above a mound of stone, firmly set, properly marked and witnessed. As this cor. now becomes the cor. secs. 12 and 13, only, I destroy the marks on the bearing tree to the E.

From the cor. secs. 12 and 13, on the W. bdy. of the township, heretofore described.

N. on a retrace ment line along the E. bdy. sec. 12.

40.00 Fall 48 lks. W. of the $\frac{1}{4}$ sec. cor., hereinafter described. The bearing of this $\frac{1}{2}$ mile is therefore N. $0^{\circ}41'$ E., and the dist. 40.00 chs. Offset to the $\frac{1}{4}$ sec. cor. and continue N. with continuous measurement.

80.04 Fall 73 lks. W. of the cor. secs. 1 and 12, hereinafter described.

The bearing of this $\frac{1}{2}$ mile is therefore N. $1^{\circ}03'$ E., and the dist. is 40.05 chs.

North, on a retrace ment line along the E. bdy. sec. 1.

40.13 Fall 56 lks. W. of the $\frac{1}{4}$ sec. cor., hereinafter described. The bearing of this $\frac{1}{2}$ mile is therefore N. $0^{\circ}48'$ E., and the dist. is 40.13 chs. Offset to the $\frac{1}{4}$ sec. cor. and continue N., with continuous measurement.

80.22 Fall 85 lks. W. of the cor. Ts. 29 and 30 S., R. 5 E.; hereinafter described.

Resurvey of the W. bdy. of T. 30 S., R. 6 E.

Chains

The bearing of this $\frac{1}{2}$ mile is therefore N. $1^{\circ}15'$ E., and the dist. is 40.10 chs.

Thence,

From the cor. secs. 12 and 13. N. $0^{\circ}41'$ E., on a resurvey line along the E. bdy. sec. 12. Ascend gradually over broken land through dense cedar and pinon timber and scattering red pine, and scattering undergrowth of sagebrush.

- 2.00 Head of gulch, 70 ft. above cor., drains S. 10° W.; continue gradual ascent.
- 17.50 Ridge, 140 ft. above gulch, bears NE. and SW.; descend gradually.
- 25.00 Open draw, 60 ft. below ridge, drains SW.; ascend gradually.
- 37.72 On gentle SE. slope, 60 ft. above draw; northing of 40.00 chs. from the cor. secs. 7 and 18.
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor. sec. 7, with brass cap marked,

$\frac{1}{2}$ S7

1921

From which,

A pinon, 12 ins. dia., bears N. 43° E., 56 lks.
dist., marked $\frac{1}{2}$ S7 RT.

A pinon, 14 ins. dia., bears S. 51° E., 15 lks.
dist., marked $\frac{1}{2}$ S7 RT.

- 40.00 The original $\frac{1}{2}$ sec. cor. secs. 7 and 12, which is a quartzite 15 x 15 x 10 ins. above ground, firmly set, marked $\frac{1}{2}$ on W. face, witnessed as follows,

A pinon, 8 ins. dia., bears N. 38° E., 23 lks.
dist., marked $\frac{1}{2}$ S7 RT.

A cedar, 12 ins. dia., bears S. 30° W., 35 lks.
dist., marked $\frac{1}{2}$ S12 RT..

I reestablish cor. for $\frac{1}{2}$ sec. cor. sec. 12 as follows.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, alongside old cor., for $\frac{1}{2}$ sec. cor. sec. 12,

Resurvey of the W. bdy. of T. 30 S., R. 6 E.

Chains

with brass cap marked,

$\frac{1}{4}$ S12

1921

I destroy the marks on the bearing tree that pertain to sec. 7, and take an additional bearing tree for sec. 12 as follows.

A pinon, 10 ins. dia., bears N. 21° W., 41 lks.

dist., marked $\frac{1}{4}$ S12 BT.

Thence,

N. $1^{\circ}03'$ E., with continuous measurement.

Descend gradually over rolling top of ridge.

69.00 Draw, 40 ft. deep, drains N. 80° W.; ascend gradually.

77.72 On rolling top of ridge, 70 ft. above draw; northing of 40.00 chs. from the $\frac{1}{4}$ sec. cor. sec. 7.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 6 and 7, with brass cap marked,

T30S | T30S.

S6

R5E

S7

S12

R6E

1921

From which,

A pinon, 8 ins. dia., bears N. 67° E., 20 lks.

dist., marked T30S R6E S6 BT.

A pinon, 10 ins. dia., bears S. 15° E., 55 lks.

dist., marked T30S R6E S7 BT.

80.05 The cor. originally for secs. 1, 6, 7 and 12, which is a quartzite, 5 x 10 x 6 ins. above ground, properly marked, firmly set, witnessed as follows,

A pinon, 12 ins. dia., bears S. 50° E., 24 lks.

dist., marked T30S R6E S7 BT.

A pinon, 9 ins. dia., bears N. 34° W., 12 lks.

dist., marked T30S R5E S1 BT.

I reestablish cor. for. secs. 1 and 12 as follows.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, alongside old cor., for cor. secs. 1 and 12; with brass cap marked,

Resurvey of the W. bdy. of T. 30 S., R. 6 E.

Chains

T30S	T30S
S1	
	R6E
S12	
R5E	S6

1921

I destroy the marks on the bearing tree to the E. and take an additional bearing tree to the W. as follows.

A pinon, 20 ins. dia., bears S. 59° W., 50 lks.
dist., marked T30S R5E S12 BT.

Land, rolling top of ridge, with a general northeasterly exposure and drainage.

Soil, shallow, sandy loam, mixed with trachyte boulders;
lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon and scattering red pine.

Fair grazing.

N. $0^{\circ}48'$ E., on a resurvey line along the E. bdy. sec. 1.
Descend gradually over rolling top of ridge through scattering undergrowth of sagebrush and dense cedar and pinon and scattering red pine timber.

1.40 Wash, 30 lks. wide, 4 ft. deep, drains N. 80° W.

21.50 Gulch, 40 ft. below cor., drains N. 70° W.; ascend gradually

29.00 Spur, projects W., 40 ft. above gulch; descend gradually.

37.68 On rolling land, 35 ft. below spur; northing of 40.00 chs.
from the cor. secs. 6 and 7.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor. sec. 6, with brass cap marked,

$\frac{1}{2}$ S6

1921

From which,

A pinon, 12 ins. dia.; bears N. 67° E., 31 lks.
dist., marked $\frac{1}{2}$ S6 BT.

A pinon, 10 ins. dia., bears S. 77° E., 62 lks.
dist., marked $\frac{1}{2}$ S6 BT.

40.15 The original $\frac{1}{2}$ sec. cor. secs. 1 and 6, which is a quartzite,

Resurvey of the W. bdy. of T. 30 S., R. 6 E.

Chains	
43.60	17 x 10 x 6 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, witnessed as follows.
43.90	A cedar, 10 ins. dia., bears S. 80° E., 23 lks. dist., marked $\frac{1}{4}$ S6 BT.
66.00	A pinon, 10 ins. dia., bears N. 81° W., 12 lks. dist., marked $\frac{1}{4}$ S1 BT.
69.00	I reestablish cor. for $\frac{1}{4}$ sec. cor. sec. 1, as follows.
77.11	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, along side old cor., for $\frac{1}{4}$ sec. cor. sec. 1, with brass cap marked,
80.23	1921 I destroy the marks on the bearing tree that pertains to sec. 6, and take an additional bearing tree for sec. 1, as follows. A pinon, 10 ins. dia., bears S. $16^{\circ} 30'$ W., 31 lks. dist., marked $\frac{1}{4}$ S1 BT.
43.60	Thence, N. $1^{\circ} 13'$ E., with continuous measurement.
43.90	Trail, bears NE. to Fruita, Ut. and SW. to Grover, Ut.
66.00	Wash, 40 lks. wide, 4 ft. deep, drains N. 70° E.
69.00	Wash, 30 lks. wide, 3 ft. deep, drains NE.
77.11	Ridge, 40 ft. high, bears NE. and SW.
80.23	The closing cor. Ts. 29 and 30 S., R. 6 E., heretofore described, bears E. 7 lks. dist.
	Note—This cor. was established in previous survey on record bearing from old township corner.
	The cor. Ts. 29 and 30 S., R. 5 E., which is an iron post, 3 ins. dia., extending 12 ins. above a mound of stone, with brass cap properly marked and witnessed, alongside an old stone cor., which is sandstone 10 x 12 x 14 ins., buried in a mound of stone, properly marked and witnessed.
	Land, rolling, with a general westerly exposure and drainage. Soil, shallow, sandy loam; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon and scattering red pine. Fair grazing.

Resurvey of Subdivision of T. 30 S., R. 6 E.

	Chains	From the standard cor. secs. 31 and 32, heretofore described N. $0^{\circ}03'$ W., on a retracement line bet. secs. 31 and 32.
40.00		Find no trace of the $\frac{1}{4}$ sec. cor.
79.89		Fall 125 lks. W. of the cor. secs. 29, 30, 31 and 32. The bearing of this mile is therefore N. $0^{\circ}50'$ E., and the proportionate dist. for each $\frac{1}{2}$ mile is 39.95 chs. Cor. is hereinafter described.
40.09		N. $89^{\circ}50'$ W., on a retracement line bet. secs. 30 and 31. Fall 12 lks. S. of the $\frac{1}{4}$ sec. cor. secs. 30 and 31, hereinafter described. The bearing of this $\frac{1}{2}$ mile is therefore N. $89^{\circ}40'$ W., and the dist. is 40.09 chs. Offset to cor. and continue N. $89^{\circ}50'$ W., with continuous measurement.
80.00		Fall 12 lks. N. of the cor. secs. 30 and 31, heretofore described. The bearing of this $\frac{1}{2}$ mile is therefore W., and the dist. is 39.91 chs.
<hr/>		
		Thence,
		From the standard cor. secs. 31 and 32. N. $0^{\circ}50'$ E., on a resurvey line along the E. bdy. sec. 31. Ascend abruptly over broken S. slope of spur through medium dense growth of cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush.
5.70		White sandstone ledge, 40 ft. high, bears E. and W.
16.50		Spur, 260 ft. above cor., projects W.; descend gradually.
21.80		Draw, 40 ft. below spur, drains NE.; continue gradual descent.
24.50		Same draw, 15 ft. below 21.80 chs. point, drains W.; ascend gradually over steep W. slope.
31.50		Spur, 50 ft. above draw, projects W.; descend gradually.
37.38		On steep NW. slope, 30 ft. below spur; south of 40.00 chs. from the closing cor. secs. 29 and 32, hereinafter described.

Resurvey of subdivision of T. 30 S., R. 6 E.

Chains.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 32, with brass cap marked,

$\frac{1}{4}$ S32

1921

From which,

A yellow pine, 10 ins. dia., bears N. 70° E., 42 lks. dist., marked $\frac{1}{4}$ S32 BT.

A pinon, 6 ins. dia., bears S. 15° E., 109 lks. dist., marked $\frac{1}{4}$ S32 BT.

39.95 Proportionate measurement; on steep NW. slope, 25 ft. below the $\frac{1}{4}$ sec. cor. sec. 31; on smooth sandstone surface rock, mark a cross (X) for exact cor. point, over which.

Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{4}$ sec. cor. sec. 31, with brass cap marked,

$\frac{1}{4}$ S31

1921

From which,

A yellow pine, 8 ins. dia., bears N. 70° W., 72 lks. dist., marked $\frac{1}{4}$ S31 BT.

A yellow pine, 8 ins. dia., bears S. 20° W., 64 lks. dist., marked $\frac{1}{4}$ S31 BT.

44.80 Draw, 40 ft. below the $\frac{1}{4}$ sec. cor. sec. 31, drains W.;

51.00 Spur, 40 ft. above draw, projects W.; descend abruptly.

63.80 Choké Cherry Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, in draw, 210 ft. below spur, drains N. 70° E.; ascend abruptly.

70.50 Spur, 80 ft. above creek, projects E.; descend abruptly.

77.38 Point for the closing cor. secs. 29 and 32, hereinafter described.

79.90 The original cor. secs. 29, 30, 31 and 32, which is a trachyte, 10 x 12 x 10 ins. above ground, firmly set, properly marked, unwitnessed. As this cor. becomes the NE. cor. sec. 31, I reestablish cor. as follows.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, alongside old cor., for NE. cor. sec. 31, with

Resurvey of subdivision of T. 30 S., R. 6 E.

Chains	brass cap marked, <table border="1" style="margin-left: 20px;"> <tr><td>T30S</td><td>S29</td></tr> <tr><td>R6E</td><td></td></tr> <tr><td>S31</td><td></td></tr> </table> 1921 From which, A pinon, 10 ins. dia., bears S. 29° W., 89 lks. dist., marked T30S R6E S31 BT. N6 other suitable bearing tree available. Land, broken, with a general northeasterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose trachyte boulder lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, medium dense growth of cedar, pinon and yellow pine. Fair grazing.	T30S	S29	R6E		S31	
T30S	S29						
R6E							
S31							
1.40	N. $89^{\circ}40'$ W., on a resurvey line along the N. bdy. sec. 31. Ascend abruptly over broken land through scattering under- growth of sagebrush and dense growth of cedar and pinon and scattering yellow pine timber. Westing of 80.00 chs. from the cor. secs. 28, 29, 32 and 33. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 29 and 30, with brass cap marked.						
3.60	<table border="1" style="margin-left: 20px;"> <tr><td>T30S</td><td>R6E</td></tr> <tr><td>S30</td><td>S29</td></tr> </table> S31 1921 From which, A pinon, 10 ins. dia., bears N. 15° E., 11 lks. dist., marked T30S R6E S29 BT. A pinon, 12 ins. dia., bears N. 65° W., 59 lks. dist., marked T30S R6E S30 BT. Enter rolling top of ridge, 160 ft. above cor. sec. 31, bears NW. and SE.; thence over rolling top of ridge.	T30S	R6E	S30	S29		
T30S	R6E						
S30	S29						

Resurvey of subdivision of T. 30 S., R. 6 E.

Chains	
23.30	Leave rolling top of ridge, bears NW. and SE.; descend gradually.
34.60	Draw, 60 ft. below ridge, drains NE.; ascend gradually.
40.03	On broken, NE. slope, 60 ft. above draw; the original $\frac{1}{2}$ sec. cor. secs. 30 and 31, which is a trachyte, 10 x 10 x 8 ins. above ground, firmly set, marked $\frac{1}{2}$ on N. face, witnessed as follows.
	A pinon, 6 ins. dia., bears N. 10° W., 9 lks. dist., marked $\frac{1}{2}$ S30 BT.
	A pinon, 12 ins. dia., bears S. 8° E., 15 lks. dist., marked $\frac{1}{2}$ S31 BT.
	I reestablish cor. for sec. 31, as follows.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, alongside old cor., for $\frac{1}{2}$ sec. cor. sec. 31, with brass cap marked,
	$\frac{1}{2}$ S31
	1921
	Take an additional bearing tree to the S. as follows.
	A pinon, 8 ins. dia., bears S. 68° W., 21 lks. dist., marked $\frac{1}{2}$ S31 BT.
	I destroy marks on cor. and bearing tree that pertain to sec. 30. Thence,
	West, with continuous measurement.
41.40	On broken NE. slope, 15 ft. above the $\frac{1}{2}$ sec. cor. sec. 31. Set an iron post, 3 ft. long, 1 ins. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{2}$ sec. cor. sec. 30, with brass cap marked,
	$\frac{1}{2}$ S30
	1921
	From which,
	A pinon, 8 ins. dia., bears N. 68° E., 36 lks. dist., marked $\frac{1}{2}$ S30 BT.
	A cedar, 10 ins. dia., bears N. $71^\circ 30'$ W., 53 lks. dist., marked $\frac{1}{2}$ S30 BT.
4150	Trail, bears N. to Grover, Ut. and S. to Boulder, Ut.

Subdivision of T. 30 S., R. 6 E.

Chains	
43.60	Ridge, 160 ft. above the $\frac{1}{4}$ sec. cor. sec. 30, bears NW. and SE.; thence over rolling top of ridge.
63.30	Leave rolling top of ridge, bears NW. and SE.; descend gradually.
74.60	Draw, 60 ft. below ridge, drains NE.; ascend gradually.
80.00	The cor. of secs. 30 and 31, on the W. bdy. of the township. 75 ft. above draw, heretofore described. Land, broken, with a general northeasterly exposure and drainage. Soil, shallow, sandy loam, mixed with trachyte boulders; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon and scattering yellow pine. Good grazing.

Subdivision of T. 30 S., R. 6 E.

By previous retracements, I find that a line projected E. from the cor. of secs. 27, 28, 33 and 34, will not close within 14' of arc, on cor. secs. 30 and 31, therefore, From the cor. secs. 27, 28, 33 and 34, set by J.P. Walker U.S. Surveyor, in year 1904, during the survey of the Powell Forest Reserve Boundary, which is an iron post, 3 ins. dia., surround by a mound of stone, set for cor. secs. 27, 28, 33 and 34, and U.S. Forest Reserve Bdy. Post No. 73, set on boundary of Powell Forest Reserve, properly marked and witness; East, on a sectional correction line bet. secs. 27 and 34. Descend gradually over broken land through medium dense growth of cedar and pinon timber and scattering undergrowth of sagebrush.
18.00
21.50

Old road, bears SE. to Bowlder, Ut. and NW. to Grover, Ut.

Sulphur Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, in wash, 60 lks. wide, 5 ft. deep, 275 ft. below cor., drains SE.; ascend gradually.

Subdivision of T. 30 S., R. 6 E.

Chains	
23.80	White sandstone spur, 60 ft. above creek, projects S. 30° E.; descend abruptly.
34.70	Gulch, 50 ft. below spur, drains S. 30° E.; ascend gradually.
40.00	On steep W. slope, 50 ft. above gulch. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	S27
	$\frac{1}{4}$
	S34
	1921
	From which, A pinon, 8 ins. dia., bears N. $20^{\circ}30'$ W., 76 lks. dist., marked $\frac{1}{4}$ S27 BT.
	A pinon, 6 ins. dia., bears S. 14° E., 8 lks. dist., marked $\frac{1}{4}$ S34 BT.
42.60	Spur, 85 ft. above cor., projects S. 15° E.; descend abruptly.
45.00	Gulch, 120 ft. below spur, drains S. 20° E.; ascend abruptly.
54.40	Ridge, 270 ft. above gulch, bears N. and S.; descend abruptly.
59.00	Gulch, 120 ft. below ridge, drains S. 10° W.; ascend abruptly.
64.00	Limestone spur, 200 ft. above gulch, projects S.; descend abruptly.
66.00	Gulch, 120 ft. below spur, drains S. 10° W.; ascend abruptly.
74.60	Spur, 100 ft. above gulch, projects S. 20° W.; descend abruptly.
77.80	Gulch, 50 ft. below spur, drains S. 30° W.; ascend abruptly.
80.00	On steep W. slope, 40 ft. above gulch. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 26, 27, 34 and 35, with brass cap marked,
	T30S R6E
	S27
	S26
	S34
	S35
	1921

From which,

A pinon, 6 ins. dia., bears N. 22° E., 59 lks.
dist., marked T30S R6E S26 BT.

Subdivision of T. 30 S., R. 6 E.

Chains	
	A pinon, 10 ins. dia., bears S. $3^{\circ}30'$ E., 170 lks. dist., marked T30S R6E S35 BT.
	A pinon, .6 ins. dia., bears S. $23^{\circ}30'$ W., 25 lks. dist., marked T30S R6E S34 BT..
	A pinon, 8 ins. dia., bears N. 24° W., 68 lks. dist., marked T30 S., R6 E., S27 BT.
	Land, broken by outcroppings of lime and sandstone, and deep gulches, with a general southerly exposure and drainage.
	Soil, shallow, sandy loam, mixed with loose lime and sand- stone; lying on sandstone bed rock.
	Undergrowth, scattering sagebrush.
	Timber, medium dense growth of cedar and pinon.
	Fair grazing.
	East, bet. secs. 26 and 35, ^{on} sectional correction line Ascend abruptly over broken land through medium dense growth of cedar and pinon timber and scattering under- growth of sagebrush.
4.00	Ridge, 50 ft. above cor., bears N. and S.; descend gradually.
8.00	Head of gulch, 40 ft. below ridge, drains S. 10° E.; ascend gradually.
10.50	Ridge, 45 ft. above gulch, bears N. 10° W. and S. 10° E.; descend abruptly.
16.80	Gulch, 300 ft. below ridge, drains S. 10° E.; ascend abruptly.
33.70	Ridge, 310 ft. above gulch, bears N. and S.; descend gradually over rolling top of ridge.
40.00	On rolling land, 30 ft. below ridge. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	S26 $\frac{1}{4}$ S35
	1921

Subdivision of T. 30 S., R. 6 E.

Chains

From which,

A pinon, 10 ins. dia., bears N. 30° E., 42 lks.
dist., marked $\frac{1}{4}$ S26 BT.

A pinon, 8 ins. dia., bears S. 53° E., 20 lks.
dist., marked $\frac{1}{4}$ S35 BT.

56.00 Gulch, 20 ft. below the $\frac{1}{4}$ sec. cor.; drains SW.; ascend
gradually.

68.00 Top of main ridge, 285 ft. above gulch, bears N. 70° W.
and S. 70° E.; thence over gentle N. slope of ridge.

80.00 On gentle N. slope of ridge, on smooth limestone surface
rock; mark a cross (X) for exact cor. point, over which,
Set an iron post, 3 ft. long 2 ins. dia., in a mound of
stone, for cor. secs. 25, 26, 35 and 36, with brass cap
marked,

T30S	R6E
S26	S25
S35	S36

1921

From which,

A pinon, 8 ins. dia., bears N. $67^{\circ}15'$ E., 100 lks.
dist., marked T30S R6E S25 BT.

A pinon, 8 ins. dia., bears S. 36° E., 66 lks.
dist., marked T30S R6E S36 BT.

A pinon, 3 ins. dia., bears S. 24° W., 69 lks.
dist., marked BT.

A pinon, 6 ins. dia., bears N. 20° W., 46 lks.
dist., marked T30S R6E S26 BT.

Land, broken by deep gulches, with a general southerly
exposure and drainage.

Soil, shallow, sandy loam, mixed with loose lime and sand-
stone; lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, medium dense growth of cedar and pinon.

Fair grazing.

Subdivision of T. 30 S., R. 6 E.

Chains

- East, bet. secs. 25 and 36, on sectional correction line. Descend gradually over rolling N. slope of ridge through dense cedar and pinon timber and scattering undergrowth of sagebrush.
- 13.30 Land becomes broken, bears N. and S.
- 33.00 Gulch, 200 ft. below cor., drains S. 80° E.; ascend abruptly.
- 40.00 On top of spur, 150 ft. above gulch, projects S. 80° E. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,
- S25
—
S36
- 1921
- From which,
- A pinon, 8 ins. dia., bears N. 47° E., 11 lks. dist., marked $\frac{1}{4}$ S25 BT.
- A pinon, 8 ins. dia., bears S. 76° W., 29 lks. dist., marked $\frac{1}{4}$ S36 BT.
- 53.50 Same gulch as last, 200 ft. below the $\frac{1}{4}$ sec. cor., drains N. 60° E.; ascend abruptly.
- 59.50 Ridge, 400 ft. above gulch, bears NE. and SW.; descend gradually.
- 68.00 Gulch, 70 ft. below ridge, drains N. 10° E.; ascend gradually.
- 77.00 Ridge, 90 ft. above gulch, bears NE. and SW.; descend abruptly.
- 78.00 Sandstone ledge, 40 ft. high, bears NE. and SW.
- 79.38 On steep E. slope, 150 ft. below ridge; intersect the E. bdy. of the township, N. $0^{\circ}58'$ E., 2.79 chs. dist. from cor. secs. 30 and 31, heretofore described.
- At point of intersection. Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the ground to bed rock and in a mound of stone, for closing cor. secs. 25 and 36, with brass cap marked,
- S25
—
S36

Subdivision of T. 30 S., R. 6 E.

Chains

	T30S	T30S
C	S25	
C		R7E
	S36	
	R6E	S30
	1921	

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No suitable bearing trees available.

Land, broken, with a general northerly exposure and drainage.

Soil, shallow, sandy loam, mixed with loose lime and sandstone; lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

By previous retracements, I find that a line projected W. from the cor. secs. 27, 28, 35 and 34, intersects the E. bdy. of sec. 31, a dist. that exceeds 14' of arc, from the cor. NE. cor. sec. 31, therefore.

From the cor. secs. 27, 28, 33 and 34, heretofore described.

West, on a sectional correction line bet. secs. 28 and 33.

Descend gradually over rolling land through medium dense growth of cedar and pinon timber and scattering undergrowth of sagebrush.

12.80 The NE. cor. of a deserted log cabin, bears S. 42° W., 0.32 chs. dist.

16.50 Wash, 20 lks. wide, 4 ft. deep, 40 ft. below cor., drains S. 70° E.; ascend gradually.

25.50 Spur, 40 ft. above wash, projects S. 70° E.; descend gradually.

38.40 Draw, 30 ft. below spur, drains S. 80° E.; ascend gradually.

40.00 On gentle NE. slope, 20 ft. above draw.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,

S28

4

S33

1921

Subdivision of T. 30 S., R. 6 E.

Chains

From which,

A pinon, 7 ins. dia., bears N. 77° E., 41 lks.

dist., marked $\frac{1}{4}$ S28 BT.

A pinon, 10 ins. dia., bears S. $6^{\circ}30'$ E., 63 lks.

dist., marked $\frac{1}{4}$ S33 BT.

46.00 Ridge, 40 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; descend gradually.

56.00 Draw, 50 ft. below ridge, drains S. 80° E.; ascend gradually.

63.50 Small grove of aspen trees, bears S., 50 lks. dist.

76.00 Smooth sandstone ledge, 40 ft. high, bears N. and S.

80.00 On gentle E. slope, 45 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground for cor. secs. 28, 29, 32 and 33, with brass cap marked,

T30S R6E

S29 S28

S32 S33

1921

From which,

A pinon, 8 ins. dia., bears N. $22^{\circ}30'$ E., 55 lks.

dist., marked T30S R6E S28 BT.

A pinon, 6 ins. dia., bears S. 17° E., 60 lks.

dist., marked T30S R6E S33 BT.

A pinon, 10 ins. dia., bears S. $52^{\circ}30'$ W., 36 lks.

dist., marked T30S R6E S32 BT.

A pinon, 8 ins. dia., bears N. 43° W., 56 lks.

dist., marked T30S R6E S29 BT.

Land, rolling, with a general southeasterly exposure and drainage,

Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Good grazing.

Subdivision of T. 30 S., R. 6 E.

Chains

West, bet. secs. 29 and 32, on sectional correction line.
Ascend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

7.00 Ridge, 90 ft. above cor., bears NE. and SW.; descend gradually.

17.30 Draw, 20 ft. below ridge, drains N. 70° E.; ascend gradually.

40.00 On top of spur, 250 ft. above draw, projects N.; on sandstone surface rock; mark a cross (X) for exact cor. point, over which,

Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,

S29

$\frac{1}{4}$

S32

1921

From which,

A yellow pine, 11 ins. dia., bears N. $74^{\circ}30'$ W.,
57 lks. dist., marked $\frac{1}{4}$ S29 BT..

A yellow pine, 9 ins. dia., bears S. 74° E.,
22 lks. dist., marked $\frac{1}{4}$ S32 BT.

Thence descend gradually through scattering yellow pine timber, bears NW. and SE.

40.40 A yellow pine, 14 ins. dia., which I mark with 2 notches on E. and W. faces for line tree.

42.60 A yellow pine, 14 ins. dia., which I mark with 2 notches on E. and W. faces for line tree.

56.80 Choke Cherry Creek, stream of good clear water, 3 lks. wide, 2 ins. deep, in draw, 80 ft. below the $\frac{1}{4}$ sec. cor., drains N. 70° E.; ascend gradually.

78.60 On gentle N. slope, 40 ft. above creek; intersect the E. bdy. sec. 31, S. $0^{\circ}50'$ W., 2.52 chs. dist. from cor. the NE. cor. sec. 31.

At point of intersection. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground for closing cor. secs. 29 and 32, with brass cap marked,

Subdivision of T. 30 S., R. 6 E.

Chains	<table border="0" style="margin-bottom: 10px;"> <tr> <td style="width: 100px;"></td><td style="width: 100px; text-align: right;">T30S .</td></tr> <tr> <td></td><td style="text-align: right;">S29</td></tr> <tr> <td style="text-align: right;">S31</td><td style="text-align: right;">CC</td></tr> <tr> <td></td><td style="text-align: right;">S32</td></tr> <tr> <td></td><td style="text-align: right;">R6E</td></tr> </table> <p style="text-align: right;">1921</p> <p>From which,</p> <p>A pinon, 6 ins. dia., bears N. 65° E., 36 lks. dist., marked T30S R6E S29 CC BT.</p> <p>A pinon, 10 ins. dia., bears S. 25° E., 26 lks. dist., marked T30S R6E S32 CC BT.</p> <p>Land, broken, with a general northeasterly exposure and drainage.</p> <p>Soil, shallow, sandy loam, mixed with loose sandstone and trachyte boulders; lying on sandstone bed rock.</p> <p>Undergrowth, scattering sagebrush.</p> <p>Timber, dense cedar and pinon on all of mile and scattering yellow pine on W. $\frac{1}{2}$ mile.</p> <p>Good grazing.</p>		T30S .		S29	S31	CC		S32		R6E
	T30S .										
	S29										
S31	CC										
	S32										
	R6E										

By previous retracements, I find that a line projected S. from the cor. secs. 25, 26, 35 and 36, will not close within 21' of arc, on the A.P. for standard cor. secs. 35 and 36.

- Thence,
- From the cor. secs. 25, 26, 35 and 36, heretofore described. South, on true line bet. secs. 35 and 36.
- Descend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
- 8.00 Head of gulch, 40 ft. below cor., drains E.; ascend gradually.
- 17.50 Ridge, 65 ft. above gulch, bears NW. and SE.; descend abruptly over broken SW. slope of ridge.
- 37.70 Limestone ledge, 40 ft. high, bears E. and W.
- 40.00 On steep S. slope, 240 ft. below top of ridge; on limestone surface rock; mark a cross (X) for exact cor. point, over which,

Subdivision of T. 30 S., R. 6 E.

Chains	<p>Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked,</p> <div style="text-align: center;"> S35 | S36 </div> <p style="text-align: center;">1921</p>
	<p>From which,</p> <p>A pinon, 10 ins. dia., bears N. 15° W., 27 lks. dist., marked $\frac{1}{2}$ S35 BT.</p> <p>A pinon, 8 ins. dia., bears S. $78^{\circ}15'$ E., 77 lks. dist., marked $\frac{1}{2}$ S36 BT.</p>
77.30	<p>Sulphur Creek, stream of good clear water, 10 lks. wide, 3 ins. deep, in wash, 150 lks. wide, 5 ft. deep, 1180 ft. below $\frac{1}{2}$ sec. cor., drains S. 70° E.; road in bottom of wash, bears S. 70° E. to Boulder, Ut. and N. 70° W. to Grover, Ut.; thence over rolling bottom of sagebrush flat.</p>
81.30	<p>Intersect the Sixth Standard Parallel South, S. $89^{\circ}51'$ E., 90 lks. dist. from standard cor. originally for secs. 35 and 36, but now changed to an angle point as heretofore described.</p> <p>At point of intersection:</p> <p>Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for standard closing cor. secs. 35 and 36, with brass cap marked.</p> <div style="text-align: center;"> S C C C T30S | R6E S35 | S36 </div> <p style="text-align: center;">1921</p>
	<p>From which,</p> <p>A yellow pine, 14 ins. dia., bears N. 25° W., 301 lks. dist., marked T30S R6E S35 SC CC BT.</p> <p>A cottonwood, 10 ins. dia., bears N. 51° E., 168 lks. dist., marked T30S R6E S36 SC CC ET.</p> <p>Land, broken by ledges, with a general southerly exposure and drainage.</p>

Subdivision of T. 30 S., R. 6 E.

Chains	<p>Soil, shallow, sandy loam, mixed with loose limestone; lying on sandstone bed rock.</p> <p>Undergrowth, scattering sagebrush.</p> <p>Timber, dense cedar and pinon.</p> <p>Fair grazing.</p>
	<p>From the cor. secs. 25, 26, 35 and 36, heretofore described North, bet. secs. 25 and 26.</p> <p>Descend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.</p>
7.30	Descent becomes abrupt, bears E. and W.
19.20	Gulch, 370 ft. below cor., drains N. 80° E.; ascend abruptly.
28.00	Spur, 205 ft. above gulch, projects E.; descend gradually.
38.90	Head of gulch, 20 ft. below spur, drains SE.; ascend abruptly.
40.00	On steep S. slope, 60 ft. above head of gulch.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	$\frac{1}{4}$
	S26 S25
	1921
	From which,
	A pinon, 6 ins. dia., bears S. 42° E., 52 lks. dist., marked $\frac{1}{4}$ S25 BT.
	A pinon, 14 ins. dia., bears S. $32^{\circ}15'$ W., 57 lks. dist., marked $\frac{1}{4}$ S26 BT.
46.60	Ridge, 140 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; descend abruptly.
72.10	Gulch, 100 ft. below ridge, drains S. 80° E.; ascend gradually.
80.00	On gentle S. slope, 45 ft. above gulch.
	Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to bed rock and in a mound of stone, for cor. secs. 23, 24, 25 and 26, with brass cap marked,

Subdivision of T. 30 S., R. 6 E.

Chains

T30S	R6E
S23	S24
S26 S25	

1921

From which,

A pinon, 12 ins. dia., bears N. 56° E., 69 lks.
dist., marked T30S R6E S24 BT.

A pinon, 6 ins. dia., bears S. 18° E., 126 lks.
dist., marked T30S R6E S25 BT.

A pinon, 12 ins. dia., bears S. 76° W., 57 lks.
dist., marked T30S R6E S26 BT.

A pinon, 16 ins. dia., bears N. 31° W., 118 lks.
dist., marked T30S R6E S23 BT.

Land, broken by deep gulches, with general northeasterly
exposure and drainage.

Soil, shallow, sandy loam, mixed with loose limestone;
lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Good grazing.

East, on random line bet. secs. 24 and 25.

- 40.00 Set temp. $\frac{1}{2}$ sec. cor.
- 80.75 Intersect the E. bdy. of the township, 12 lks. S. of the
cor. secs. 24 and 25.
- Thence,
S. $89^{\circ}55'$ W., on true line bet. secs. 24 and 25.
- Ascend abruptly over broken land through dense cedar and
pinon timber and scattering undergrowth of sagebrush.
- 2.80 Ridge, 45 ft. above cor., bears NW. and SE.; descend
abruptly.
- 14.10 Gulch, 400 ft. below ridge, drains S. 80° E.; ascend
abruptly.
- 24.80 Enter rolling top of bench, 310 ft. above gulch, bears
NE. and SW.; thence over rolling top of bench.

Subdivision of T. 30 S., R. 6 E.

Chains

40.75 On rolling top of bench.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,

S24

S25

1921

From which,

A pinon, 10 ins. dia., bears S. $71^{\circ}30'$ E., 72 lks. dist., marked $\frac{1}{4}$ S25 BT.

A pinon, 6 ins. dia., bears N. 70° W., 43 lks. dist., marked $\frac{1}{4}$ S24 BT.

53.20 Spur, 45 ft. above the $\frac{1}{4}$ sec. cor., projects S.; leave top of bench, bears N. and S.; descend gradually.

63.80 Draw, 30 ft. below spur, drains S.; ascend gradually.

80.75 The cor. secs. 23, 24, 25 and 26, 40 ft. above draw.

Land, broken by deep gulches, with a general northeasterly exposure and drainage.

Soil, shallow, sandy loam; mixed with loose sandstone; lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

N. $0^{\circ}01'$ W., bet. secs. 23 and 24.

Descend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

8.70 Gulch, 120 ft. below cor., drains N. 60° E.; ascend gradually.

14.00 Spur, 60 ft. above gulch, projects N. 70° E.; descend abruptly.

19.30 Gulch, 30 ft. below spur, drains N. 80° E.; ascend abruptly.

23.30 Ridge, 80 ft. above gulch, bears E. and W.; descend gradually.

40.00 On gentle N. slope, 70 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the

Subdivision of T. 30 S., R. 6 E.

Chains

ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,

$\frac{1}{4}$	$\frac{3}{4}$
S23	S24

1921

From which,

A pinon, 8 ins. dia., bears N. 72° E., 24 lks.

dist., marked $\frac{1}{4}$ S24 BT.

A pinon, 12 ins. dia., bears S. 61° W., 87 lks.

dist., marked $\frac{1}{4}$ S23 BT.

42.40 Draw, 40 ft. below cor., drains N. 30° E.; ascend gradually.

47.00 East, point of spur, 30 ft. above draw, descend abruptly.

58.80 Gulch, 100 ft. below spur, drains N. 30° E.; ascend abruptly.

71.20 Ridge, 110 ft. above gulch, bears NE. and SW.; descend gradually.

80.00 On gentle N. slope, 75 ft. below ridge; on sandstone surface rock, mark a cross (X) for exact cor. point, over which,

Set an iron post, 3 ft. long, 2 ins. dia., in a mound of stone, for cor. secs. 13, 14, 23 and 24, with brass cap marked,

T30S	R6E
S14	S13
S23	S24

1921

From which,

A pinon, 10 ins. dia., bears N. $15^\circ 30'$ E., 36 lks.
dist., marked T30S R6E S13 BT.

A pinon, 8 ins. dia., bears S. 55° E., 61 lks.
dist., marked T30S R6E S24 BT.

A pinon, 12 ins. dia., bears S. 28° W., 35 lks.
dist., marked T30S R6E S23 BT.

A pinon, 8 ins. dia., bears N. 30° W., 19 lks.
dist., marked T30S R6E S14 BT.

Land, broken by deep gulches, with a general northeasterly exposure and drainage.

Subdivisich of T. 30 S., R. 6 E.

Chains

Soil, shallow, sandy loam, mixed with loose lime and sandstone; lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

N. $89^{\circ}55'$ E., on random line bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.77 Intersect the E. bdy. of the township, 5 lks. S. of the cor. secs. 13 and 24.

Thence,

S. $89^{\circ}53'$ W., on true line bet. secs. 13 and 24.

Descend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

1.20 Gulch, 50 ft. below cor., drains N. 30° E.; ascend abruptly

8.10 Spur, 180 ft. above gulch, projects NE.; descend gradually.

10.20 Gulch, 30 ft. below spur, drains NE.; ascend abruptly.

19.00 Ridge, 170 ft. above gulch, bears NE. and SW.; descend gradually.

25.90 Draw, 40 ft. below ridge, drains NE.; ascend gradually.

23.30 Spur, 30 ft. above draw, projects N. 20° E.; descend gradually.

39.70 Draw, 70 ft. below spur, drains N. 10° E., ascend gradually.

40.77 On gentle E. slope, 40 ft. above draw; on sandstone surface rock, mark a cross (X) for exact cor. point, over which, Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked,

S13

4

S24

1921

From which,

A pinon, 8 ins. dia., bears N. 4° W., 32 lks.
dist., marked $\frac{1}{2}$ S13 BT.

A pinon, 6 ins. dia., bears S. 63° W., 51 lks.
dist., marked $\frac{1}{2}$ S24 BT.

Subdivision of T. 30 S., R. 6 E.

Chains	
43.70	Spur, 20 ft. above the $\frac{1}{4}$ sec. cor., projects N. 20° E.; descend abruptly.
45.70	Gulch, 40 ft. below spur, drains N. 20° E.; ascend abruptly.
62.80	Ridge, 180 ft. above gulch, bears N. and S.; descend abruptly.
65.10	Gulch, 130 ft. below ridge, drains N.; ascend abruptly.
78.60	Ridge, 170 ft. above gulch, bears N. 10° E. and S. 10° W.; descend abruptly.
80.77	The cor. secs. 13, 14, 23, and 24, 65 ft. below ridge. Land, broken by deep gulches, with a general northerly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Fair grazing.

	N. $0^{\circ}01'$ W., bet. secs. 13. and 14.
	Descend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
5.00	Descent becomes abrupt,, bears NE. and SW.
23.00	Bottom of deep, rocky, gulch, 520 ft. below cor., drains NE.; ascend abruptly.
28.50	Ridge, 300 ft. above gulch, bears N. 60° E., and S. 60° W.; descend abruptly.
36.00	Gulch, 210 ft..below ridge, drains N. 60° E.; ascend abruptly.
40.00	On top of ridge, 250 ft. above gulch, bears E. and W. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,

$\frac{1}{4}$
S14 | S13

1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Subdivision of T. 30 S., R. 6 E.

Chains	
	No. suitable bearing trees available..
60.30	Deep, rocky, gulch, 540 ft. below the $\frac{1}{4}$ sec. cor., drains N. 60° E.; ascend abruptly.
70.30	Ridge, 600 ft. above gulch; bears E. and W.; descend gradually.
80.00	On gentle N. slope, 70. ft. below ridge; on sandstone surface rock, mark a cross (X) for exact cor., point, over which Set an iron post, 3 ft. long, 2 ins. dia., in a mound of soil cor. secs. 11, 12, 13, and 14, with brass cap marked,
	T30S R6E S11 S12 ----- S14 S13
	1921
	From which,
	A pinon, 7 ins. dia., bears N. $87^{\circ}30'$ E., 117 lks. dist., marked T30S R6E S12 BT.
	A pinon, 8 ins. dia., bears S. $81^{\circ}30'$ E., 46 lks. dist., marked T30S R6E S13 BT.
	A pinon, 10 ins. dia., bears S. 23° W., 54 lks. dist., marked T30S R6E S14 BT.
	A pinon, 11 ins. dia., bears N. 16° W., 16 lks. dist., marked T30S R6E S11 BT.
	Land, broken by deep, gulches, with a general northeasterly exposure and drainage.
	Soil, shallow, sandy loam, mixed with loose lime and sandstone, lying on sandstone bed rock.
	Undergrowth, scattering sagebrush.
	Timber, dense cedar and pinon.
	Fair grazing.
	N. $89^{\circ}53'$ E., on random line bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.70	Intersect the E. bdy. of the township, 7 lks. N. of the cor. secs. 12 and 13.
	Thence,
	S. $89^{\circ}56'$ W., on true line bet. secs. 12 and 13.

Subdivision of T. 30 S., R. 6 E.

Chains	Ascend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
10.30	Ridge, 100 ft. above cor., bears SE. and NW.; thence descend gradually along steep S. slope of ridge.
20.00	Base of descent, 45 ft. below ridge, bears N. and S.; ascend gradually.
30.00	Top of same ridge, 55 ft. above base of ascent, bears N. 80° E. and S. 80° W.; descend gradually.
40.70	In bottom of draw, 35 ft. below ridge, drains N. 80° E.; on smooth sandstone surface rock, mark a cross (X) for exact cor. point, over which, Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	<u>S12</u> $\frac{1}{4}$ S13 1921
	From which,
	A pinon, 8 ins. dia., bears N. $81^{\circ}15'$ W., 77 lks. dist., marked $\frac{1}{4}$ S12 BT.
	A pinon, 6 ins. dia., bears S. 4° W., 81 lks. dist., marked $\frac{1}{4}$ S13 BT.
48.80	Spur, 140 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend abruptly.
52.90	Draw, 60 ft. below spur, drains N. 60° E.; ascend gradually.
60.10	Spur, 90 ft. above draw, projects NE.; descend abruptly.
62.30	Draw, 70 ft. below spur, drains N. 60° E.; ascend abruptly.
68.70	Ridge, 90 ft. above draw, bears N. 60° E. and S. 60° W.; descend gradually.
80.70	The cor. secs. 11, 12, 13 and 14, 15 ft. below ridge. Land, broken by deep gulches, with a general northeasterly exposure and drainage.
	Soil, shallow, sandy loam, mixed with loose lime and sandstone; lying on sandstone bed rock.
	Undergrowth, scattering sagebrush.
	Timber, dense cedar and pinon.
	Fair grazing.

Subdivision of T. 30 S., R. 6 E.

Chains	
	N. $0^{\circ}01'$ W., bet. secs. 11 and 12.
	Descend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
1980	Road, bears E. to Fruita, Ut. and W. to Grover, Ut.
14.20	Draw, 20 ft. below cor., drains N. 70° E.; ascend gradually.
24.00	Ridge, 30 ft. above draw, bears N. 70° E. and S. 70° W.; descend abruptly.
26.30	Gulch, 100 ft. below ridge, drains N. 60° E.; ascend gradually.
40.00	On rolling top of ridge, 75 ft. above gulch, bears NE. and SW.
	Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked,

$\frac{1}{4}$
S11 | S12
1921

	From which,
	A pinon, 6 ins. dia., bears N. 47° E., 18 lks. dist., marked $\frac{1}{4}$ S12 BT.
	A cedar, 12 ins. dia., bears S. 88° W., 15 lks. dist., marked $\frac{1}{4}$ S11 BT.
60.30	Gulch, 50 ft. below ridge, drains NE.; ascend abruptly.
63.20	Spur, 60. ft. above gulch, projects E.; descend gradually.
80.00	On gentle N. slope, 100 ft. below spur; on sandstone surface rock, mark a cross (X) for exact cor. point, over which,
	Set an iron post, 3 ft. long, $\frac{3}{4}$ ins. dia., in a mound of stone, for cor. secs. 1, 2, 11 and 12, with brass cap marked,

T30S R6E
S2 | S1
S11 | S12
1921

	From which,
	A pinon, 10 ins. dia., bears N. 13° E., 119 lks. dist., marked T30S R6E S1 BT.

Subdivision of T. 30 S., R. 6 E.

Chains	<p>A pinon, 8 ins. dia., bears S. $40^{\circ}15'$ E., 118 lks. dist., marked T30S R6E S12 BT.</p> <p>A pinon, 6 ins. dia., bears S. 40° W., 56 lks. dist., marked T30S0R6E S11 BT.</p> <p>A pinon, 10 ins. dia., bears NW., 63 lks. dist., marked T30S R6E S2 BT.</p> <p>Land, broken with a general northeasterly exposure and drainage.</p> <p>Soil, shallow sandy loam lying on sandstone bed rock. Undergrowth, scattering sagebrush.</p> <p>Timber, dense cedar and pinon. Fair grazing.</p> <hr/> <p>N. $89^{\circ}56'$ E., on random line bet. secs. 1 and 12.</p>
40.00	Set temp. $\frac{1}{2}$ sec. cor.
73.80	Fall 30 lks. N. of the witness cor. to the cor. of secs. 1, 6, 7 and 12, which is N. $89^{\circ}50'$ W., 6.88 chs. dist. from the true cor. point on the E. bdy. of the township. Thence; N. $89^{\circ}50'$ W., on true line bet. secs. 1 and 12, counting dist. from the true cor. point.
	Descend abruptly over broken land through scattering cedar and pinon timber and scattering undergrowth of sagebrush.
6.88	The witness cor. to the cor. of secs. 1, 6, 7 and 12.
38.90	Base of abrupt descent, 560 ft. below the witness cor., bears NW. and SE.; ascend gradually.
39.00	One wire telephone line, bears NW. to Fruita, Ut. and SE. to Caneville, Ut.
39.10	County road, bears NW. to Fruita and SE. to Caneville.
40.68	On gentle E. slope, 40 ft. above base of abrupt descent. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked.
	$\frac{1}{2}$ S1 S12
	From which, 1921
	A pinon, 8 ins. dia., bears N. 20° E., 38 lks. dist., marked $\frac{1}{2}$ S1 BT.
	A pinon, 6 ins. dia., bears S. 3° E., 100 lks. dist., marked $\frac{1}{2}$ S12 BT.

Subdivision of T. 30 S., R. 6 E.

Chains	
57.10	Spur, 150 ft. above the $\frac{1}{4}$ sec. cor., projects N.; descend gradually.
64.60	Draw, 50 ft. below spur, drains N.; ascend gradually.
70.20	Sandstone spur, 60 ft. above draw, projects N.; descend abruptly.
73.20	Gulch, 120 ft. below spur, drains N.; ascend abruptly.
80.68	The cor. of secs. 1, 2, 11 and 12, 120 ft. above gulch. Land, broken with a general northerly exposure and drainage. Soil, shallow sandy loam, mixed with loose sandstone; lying on sandstone bed rock.
	Undergrowth, scattering sagebrush.
	Timber. scattering cedar and pinon. Fair grazing.
	North, on true line bet. secs. 1 and 2.
	Descend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
9.00	Gulch, 110 ft. below cor., drains N. 20° E.; ascend abruptly.
30.00	Ridge, 110 ft. above gulch, bears NE. and SW.; descend abruptly.
35.90	Gulch, 100 ft. below ridge, drains NE.; ascend gradually.
40.00	On gentle SE. slope, 45 ft. above gulch; on sandstone surface rock, mark a cross (X) for exact cor. point, over which.
	Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	$\frac{1}{2}$. S2 | S1 1921
	From which,
	A pinon, 6 ins. dia., bears N. 60° E., 65 lks. dist., marked $\frac{1}{4}$ S1 BT.
	A pinon, 10 ins. dia., bears S. 81° W., 44 lks. dist., marked $\frac{1}{4}$ S2 BT.
42.50	Ridge, 15 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; descend gradually.
54.10	Gulch, 60 ft. below ridge, drains N. 70° E.; ascend gradually.

Subdivision of T. 30 S., R. 6 E.

Chains

- 61.30 Spur, 50 ft. above gulch, projects N. 80° E.; descend abruptly.
- 79.40 Intersect the N. bdy. of the township, 188 lks. W. of the cor. secs. 35 and 36,
At point of intersection, 210 ft. below spur.
Set an iron post, 3 ft. long, .2 ins. dia., 4 ins. in the ground to bed rock and in a mound of stone, for closing cor. secs. 1 and 2, with brass cap marked,

T29S R6E.

S35

S2 S1

T30S R6E

C.C.

1921

From which,

A pinon, 6 ins. dia., bears S. 37° E., 18 lks.

dist., marked T30S R6E S1 CC BT.

A pinon, 6 ins. dia., bears S. $70^{\circ}15'$ W., 49 lks.

dist., marked T30S R6E S2 CC BT.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Fair grazing.

As inaccessible sandstone ledges, make it impossible to survey the E. bdy. and E. $\frac{1}{2}$ mile of the N. bdy. of sec. 1, I commence at the $\frac{1}{2}$ sec. cor. secs. 1 and 12, heretofore described.

Thence,

North, on random line through center of sec. 1.

- 40.00 Set temp. $\frac{1}{2}$ sec. cor.
- 79.50 Intersect the N. bdy. of the township, 12 lks. E. of the $\frac{1}{2}$ sec. cor. sec. 1.

Thence,

Subdivision of T. 30 S., R. 6 E.

Chains	
	S. $0^{\circ}05'$ E., on true line through sec. 1.
	Ascend abruptly over broken W. slope of the breaks of the Capitol Reef Cliffs through scattering cedar and pinon timber and scattering undergrowth of sagebrush.
9.50	Ridge, 120 ft. above cor., bears N. 20° W. and S. 20° E.; descend gradually.
26.70	Gulch, 50 ft. below ridge, drains N. 60° W.; ascend gradually.
33.80	Spur, 60 ft. above gulch, projects W.; descend gradually.
39.00	Draw, 60 ft. below spur, drains NW.; ascend gradually.
39.50	On gentle N. slope, 10 ft. above draw. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. center sec. 1, with brass cap marked
	$C \frac{1}{4} Sl$
	1921
	From which,
	A pinon, 8 ins. dia., bears S. 81° E., 70 lks. dist., marked $C \frac{1}{4} Sl$ BT.
	A pinon, 18 ins. dia., bears S. 87° W., 138 lks. dist., marked $C \frac{1}{4} Sl$ BT.
59.30	Spur, 100 ft. above the $\frac{1}{4}$ sec. cor., projects W.; descend gradually.
63.10	Gulch, 40 ft. below spur, drains N. 60° W.; ascend gradually.
67.90	Spur, 30 ft. above gulch, projects W.; descend gradually.
72.70	County Road, bears SE. to Caneville, Ut. and NW. to Fruita, Ut.
75.11	One wire telephone line, bears SE. to Caneville, and NW. to Fruita,
79.50	The $\frac{1}{4}$ sec. cor. secs. 1 and 12, 45 ft. below spur. Land, broken, with a general westerly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone and blue clay; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, scattering cedar and pinon. Fair grazing.

Subdivision of T. 30 S., R. 6 E.

Chains	From the cor. secs. 26, 27, 34 and 35, heretofore described; South, on true line bet. secs. 34 and 35, to visible signal left at standard cor. secs. 34 and 35.
	Ascend gradually over broken land through scattering cedar and pinon timber and scattering undergrowth of sagebrush.
15.60	Ridge, 90 ft. above cor. bears E. and W.; descend abruptly.
40.00	On steep S. slope, 240 ft. below ridge. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	$\frac{1}{4}$ S34 | S35 1921
	From which,
	A pinon, 16 ins. dia., bears N. 59° E., 22 lks. dist., marked $\frac{1}{4}$ S35 BT.
	A pinon, 12 ins. dia., bears N. 19° W., 30 lks. dist., marked $\frac{1}{4}$ S34 BT.
42.00	Enter rolling bottom of Sulphur Creek, 35 ft. below the $\frac{1}{4}$ sec. cor., bears E. and W.; thence over rolling land.
42.70	Road, bears E. to Boulder, Ut. and W. to Grover, Ut.
43.20	Sulphur Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, in wash, 150 lks. wide, 15 ft. deep, drains E.
52.00	The NW. cor. of Chas. D. Hank's cabin, bears S. $55^{\circ}47'$ E., 15.35 chs. dist.; a small spring of good water, bears SE., 2.00 chs. dist. from SE. cor. of cabin.
54.50	Net wire fence, bears S. 30° W. and N. 30° E.
55.00	Leave rolling bottom of Sulphur Creek and ascend steep N. slope of ridge, bears E. and W.; enter scattering yellow pine timber, bears E. and W.
77.28	Intersect a mound of stone, 3 ft. base, 5 ft. high.
80.66	The standard cor. secs. 34 and 35, 680 ft. above Sulphur Creek, heretofore described. Land, broken, with a general easterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.

Subdivision of T. 30 S., R. 6 E.

Chains	<p>Undergrowth; scattering sagebrush.</p> <p>Timber, scattering cedar and pinon on all of mile and scattering yellow pine on S. 23.66 chs.</p> <p>Good grazing.</p>
	<p>From the cor. secs. 26, 27, 34 and 35.</p> <p>N. $0^{\circ}01'$ W., bet. secs. 26 and 27.</p> <p>Ascend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.</p>
5.20	Spur, 50 ft. above cor., projects NE.; descend gradually.
8.80	Draw, 60 ft. below spur, drains E.; ascend abruptly.
19.70	Top of main ridge, 580 ft. above draw, bears E. and W.; descend gradually.
40.00	On gentle N. slope, 45 ft. below top of ridge. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	$\frac{1}{4}$ S27 | S26 1921
	From which,
	A pinon, 6 ins. dia., bears S. 64° E., 30 lks. dist., marked $\frac{1}{4}$ S26 BT.
	A pinon, 12 ins. dia., bears SW., 35 lks. dist., marked $\frac{1}{4}$ S27 BT.
63.00	Draw, 40 ft. below the $\frac{1}{4}$ sec. cor., drains N. 80° E.; ascend gradually.
66.00	Ridge, 65 ft. above draw, bears NE. and SW.; descend gradually.
71.20	Draw, 60 ft. below ridge, drains N. 60° E.; ascend gradually
74.80	Spur, 50 ft. above draw, projects NE.; descend gradually.
80.00	On gentle N. slope, 40 ft. below spur, Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bed rock and in a mound of stone, for cor. secs. 22, 23, 26 and 27, with brass cap marked,

Subdivision of T. 30 S., R. 6 E.

Chains

T30S	R6E
S22	S23
S27	S26

1921

From which,

A pinon, 8 ins. dia., bears N. $44^{\circ}30'$ E., 50 lks.
dist., marked T30S R6E S23 BT.

A cedar, 8 ins. dia., bears S. 28° E., 6 lks.
dist., marked T30S R6E S26 BT.

A pinon, 16 ins. dia., bears S. 82° W., 28 lks.
dist., marked T30S R6E S27 BT.

A pinon, 14 ins. dia., bears N. 6° W., 50 lks.
dist., marked T30S R6E S22 BT.

Land, broken, with a general easterly exposure and drainage.

Soil, shallow, sandy loam, mixed with loose sandstone;
lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Good grazing.

East, on random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect the N. and S. line, 9 lks. S. of the cor. secs.
23, 24, 25 and 26.

Thence,

S. $89^{\circ}56'$ W., on true line bet. secs. 23 and 26.

Ascend gradually over broken land through dense cedar and
pinon timber and scattering undergrowth of sagebrush.

5.00 Spur, 40 ft. above cor., projects S.; descend gradually.

6.50 Draw, 30 ft. below spur, drains SE.; ascend gradually.

13.10 Ridge, 60 ft. above draw, bears N. 60° E. and S. 60° W.;
descend gradually.

31.50 Draw, 70 ft. below ridge, drains NE.; ascend gradually.

On gentle SE. slope, 35 ft. above draw;

Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the

ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor.,

Subdivision of T. 30 S., R. 6 E.

	Chains	with brass cap marked,
		S23 — $\frac{1}{4}$ S26
		1921
		From which,
		A pinon, 16 ins. dia., bears N. 68° E., 25 lks. dist., marked $\frac{1}{2}$ S23 BT.
		A pinon, 8 ins. dia., bears S. $81^{\circ}30'$ W., 41 lks. dist., marked $\frac{1}{2}$ S26 BT.
58.60	Ridge, 200 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; descend gradually.	
70.00	Gulch, 80 ft. below ridge, drains N. 60° E.; ascend gradually.	
79.96	The cor. secs. 22, 23, 26 and 27, 65 ft. above gulch. Land, broken, with a general northeasterly exposure and drainage.	
	Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.	
	Undergrowth, scattering sagebrush.	
	Timber, dense cedar and pinon.	
	Good grazing.	
		West, on random line bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.04	Intersect the bdy. of the Powell Forest Reserve, 12 lks. N. of the cor. secs. 21, 22, 27 and 28, and U.S. Forest Reserve Edy. Post No. 74, set by J.P. Walker in 1904; which is an iron post, 3 ins. dia., surrounded by a mound of stone, with brass cap, properly marked and witnessed. Thence,	
	N. $89^{\circ}55'$ E., on true line bet. secs. 22 and 27.	
	Descend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.	
8.40	Draw, 35 ft. below cor., drains S.; ascend abruptly.	

Subdivision of T. 30 S., R. 6 E.

Chains	
38.00	Top of main ridge, 240 ft. above draw, bears NW. and SE.; descend gradually.
40.02	On gentle NE. slope, 45 ft. below ridge. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	S22 $\frac{1}{4}$ S27
	1921
	From which;
	A pinon, 12 ins. dia., bears N. $1^{\circ}30'$ W., 65 lks. dist., marked $\frac{1}{4}$ S22 BT.
	A pinon, 18 ins. dia., bears S. 29° W., 44 lks. dist., marked $\frac{1}{4}$ S27 BT.
62.40	Draw, 50 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend gradually.
72.50	Spur, 35 ft. above draw, projects N. 50° E.; descend gradually.
79.00	Draw, 50 ft. below spur, drains NE.; ascend gradually.
80.04	The cor. secs. 22, 23, 26 and 27, 40 ft. above draw. Land, broken, with a general northeasterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Good grazing.
	N. $0^{\circ}01'$ W.; bet. secs. 22 and 23. Descend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
4.00	Draw, 15 ft. below cor., drains N. 60° E.; ascend gradually.
10.80	Spur, 100 ft. above draw, projects N. 60° E.; descend gradually.
40.00	On gentle N. slope, 75 ft. below spur; on sandstone surface rock, mark a cross (X) for exact cor. point over which,

Subdivision of T. 30 S., R. 6 E.

Chains

Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,

S22	S23
-----	-----

1921

From which,

A pinon, 8 ins. dia., bears S. $59^{\circ}30'$ E., 46 lks.
dist., marked $\frac{1}{4}$ S23 BT.

A pinon, 10 ins. dia., bears S. $32^{\circ}30'$ W., 40 lks.
dist., marked $\frac{1}{4}$ S22 BT.

56.00 Head of deep rocky gulch, 60 ft. below the $\frac{1}{4}$ sec. cor.; drains N. 70° E.; ascend abruptly.

68.00 Ridge, 180 ft. above gulch, bears E. and W.; descend gradually.

80.00 On gentle S. slope, 15 ft. above draw; on sandstone surface rock, mark a cross (X) for exact cor. point, over which Set an iron post, 3 ft. long, 2 ins. dia., in a mound of stone, for cor. secs. 14, 15, 22 and 23, with brass cap marked,

T30S	R6E
S15	S14
S22	S23

1921

From which,

A pinon, 6 ins. dia., bears N. 67° E., 53 lks.
dist., marked T30S R6E S14 BT.

A pinon, 8 ins. dia., bears S. 59° E., 29 lks.
dist., marked T30S R6E S23 BT.

A pinon, 14 ins. dia., bears S. $15^{\circ}30'$ W., 53 lks.
dist., marked T30S R6E S22 BT.

A pinon, 10 ins. dia., bears N. 37° W., 38 lks.
dist., marked T30S R6E S15 BT.

Land, broken, with a general easterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.

Subdivision of T. 30 S., R. 6 E.

Chains	Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Good grazing.
	N. $89^{\circ}56'$ E., on random line bet. secs. 14 and 23.
40.00	Point for the temp. $\frac{1}{2}$ sec. cor. falls in sandstone ledges.
48.24	Set temp. witness $\frac{1}{2}$ sec. cor.
80.04	Intersect the N. and S. line, 5 lks. N. of the cor. secs. 13, 14, 23 and 24. Thence, S. $69^{\circ}58'$ W., on true line bet. secs. 14 and 23. Ascend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
10.00	Spur, 70 ft. above cor., projects N. 20° E.; descend abruptly.
18.80	Deep rocky gulch, 300 ft. below spur, drains NW.; ascend abruptly.
24.80	Spur, 170 ft. above gulch, projects N.; descend abruptly.
31.80	On steep N. slope, 90 ft. below spur; as the true point for the $\frac{1}{2}$ sec. cor. will fall in sandstone ledges where a permanent cor. cannot be set; at this point, Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for witness cor. to the $\frac{1}{2}$ sec. cor. secs. 14 and 23, with brass cap marked,
	<u>S14</u> WC $\frac{1}{2}$ <u>S23</u>
	1921
	From which, A pinon, 6 ins. dia., bears N. 23° W., 12 lks. dist., marked WC $\frac{1}{2}$ S14 BT. A pinon, 6 ins. dia., bears S. 25° E., 5 lks. dist., marked WC $\frac{1}{2}$ S23 BT.
37.20	Deep rocky gulch, 225 ft. below the witness $\frac{1}{2}$ sec. cor., drains NE.; ascend abruptly.

Subdivision of T. 30 S., R. 6 E.

Chains	
40.02	Point for the $\frac{1}{4}$ sec. cor., falls in ledges were a permane cor. cannot be set; no cor. set.
66.70	Ridge, 510 ft. above gulch, bears NE. and SW.; descend gradually.
80.04	The cor. secs. 14, 15, 22 and 23, 75 ft. below ridge. Land, broken by ledges and deep gulches, with a general northeasterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Good grazing.
40.00	S. $89^{\circ}55'$ W.; on random line bet. secs. 15 and 22. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect the bdy. of the Powell Forest Reserve, 12 lks. S. of the cor. secs. 15, 16, 21 and 22, and U.S. Forest Reserve Bdy. Post, No. 75, set by J.P. Walker, U.S. Surveyor, in 1904, which is an iron post, surrounded by a mound of stone, 3 ins. dia., with brass cap, properly marked and witnessed, Thence, East, on true line, bet. secs. 15 and 22. Descend gradually over rolling land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
8.00	Descent becomes abrupt and land becomes broken, bears NE. and SW.
25.00	Head of draw, 260 ft. below cor., drains S. 20° E.; ascend gradually.
29.40	Spur, .40 ft. above draw, projects S.; descend gradually.
40.00	On steep E. slope, 110 ft. below spur. Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,

Subdivision of T. 30 S., R. 6 E.

Chains		S15
		$\frac{1}{4}$
		S22
		1921
	From which,	✓
	A pinon, 10 ins. dia., bears N. 86° W., 4 lks. dist., marked $\frac{1}{4}$ S15 BT.	
	A pinon, 7 ins. dia., bears S. 87° W., 17 lks. dist., marked $\frac{1}{4}$ S22 BT.	
47.00	Gulch from SW. and mouth of gulch from S., drains N. 10° E.; 80 ft. below the $\frac{1}{4}$ sec. cor.; ascend abruptly.	
60.40	Ridge, 160 ft. above gulch, bears N. and S.; descend gradually.	
69.70	Gulch, 50 ft. below ridge, drains S. 30° E.; ascend gradually.	
80.00	The cor. secs. 14, 15, 22 and 23, 65 ft. above gulch. Land, broken, with a general northeasterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Good grazing.	

N. $0^{\circ}01'$ W., bet. secs. 14 and 15.
Descend abruptly over broken land through dense cedar and
pinon timber and scattering undergrowth of sagebrush.
4.00 Gulch, 95 ft. below cor., drains E.; ascend abruptly.
8.70 Spur, 190 ft. above gulch, projects SE.; descend gradually.
28.00 Gulch, 80 ft. below spur, drains NW.; ascend abruptly.
40.00 On steep SW. slope, 300 ft. above gulch.
Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the
ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec.
cor., with brass cap marked,

$\frac{1}{4}$
S15 | S14

1921

Subdivision of T. 30 S., R. 6 E.

Chains

From which,

A pinon, 14 ins. dia., bears N. 60° E., 24 lks.
dist., marked $\frac{1}{4}$ S14 BT.

A pinon, 6 ins. dia., bears N. $89^{\circ}30'$ W., 11 lks.
dist., marked $\frac{1}{4}$ S15 BT.

44.00 Ridge, 100 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.;
descend abruptly.

62.30 Deep, rocky, gulch, 430 ft. below ridge, drains N. 60° E.;
ascend abruptly along E. side of gulch, which drains S;
the mouth of which is 1.50 chs. W.

80.00 On E. side of gulch, 250 ft. above bottom; on sandstone
surface rock, mark a cross (X) for exact cor. point, over
which, on a platform, cabin roofed, set an iron post,
Set an iron post, 3 ft. long, 2 ins. dia., in a mound of
stone, for cor. secs. 10, 11, 14 and 15, with brass cap
marked,

T30S	R6E
S10	S11
<hr/>	
S15	S14

1921

From which,

A pinon, 6 ins. dia., bears N. 26° E., 72 lks.
dist., marked T30S R6E S11 BT.

A pinon, 6 ins. dia., bears S. 62° E., 40 lks.
dist., marked T30S R6E S14 BT.

A pinon, 8 ins. dia., bears S. 53° W., 19 lks.
dist., marked T30S R6E S15 BT.

A pinon, 14 ins. dia., bears N. 87° W., 150 lks.
dist., marked T30S R6E S10 BT.

Land, broken, with a general northeasterly exposure and
drainage.

Soil, shallow, sandy loam, mixed with loose sandstone;
lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Good grazing.

Subdivision of T. 30 S., R. 6 E.

Chains	
	N. $89^{\circ}58'$ E., on random line bet. secs. 11 and 14.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect the N. and S. line, 3 lks. S. of the cor. secs. 11, 12, 13 and 14.
	Thence, S. $89^{\circ}57'$ W., on true line bet. secs. 11 and 14.
	Ascend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
11.20	Ridge, 100 ft. above cor., bears N. 70° W. and S. 70° E.; descend abruptly over broken SW. slope of ridge.
26.20	Deep, rocky, gulch, 300 ft. below ridge, drains SE.; ascend abruptly.
39.50	Spur, 260 ft. above gulch, projects S.; descend gradually.
40.01	On gentle W. slope of spur, near top. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	<u>S11</u> $\frac{1}{4}$ <u>S14</u>
	1921
	From which, A pinon, 6 ins. dia., bears N. 62° W., 17 lks. dist., marked $\frac{1}{4}$ S11 BT.
	A pinon, 8 ins. dia., bears S. 15° W., 59 lks. dist., marked $\frac{1}{4}$ S14 BT.
60.70	Gulch, 80 ft. below spur, drains S. 20° E.; ascend abruptly.
68.90	Spur, 100 ft. above gulch, projects S.; descend gradually.
80.02	The cor. secs. 10, 11, 14 and 15, 85 ft. below spur. Land, broken, with a general southerly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Fair grazing.

Subdivision of T. 30 S., R. 6 E.

Chains	
	N. $0^{\circ}01'$ W., bet. secs. 10 and 11. T30S | R6E
	Ascend abruptly over steep S. slope of ridge through dense cedar and pinon timber and scattering undergrowth of sagebrush. S3 | S2
13.60	Ridge, 260 ft. above cor., bears N. 70° E. and S. 70° W.; descend gradually. S10 | S11
14.20	Road, bears NE. to Fruita, Ut. and SW. to Grover, Ut.
30.50	Draw, 30 ft. below ridge, drains NE.; continue gradual descent. S10 | S11
40.00	On gentle N. slope, 30 ft. below draw, S10 | S11 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked, S10 | S11 From which, S10 | S11 A pinon, 10 ins. dia., bears N. $82^{\circ}15'$ W.; 42 lks. dist., marked $\frac{1}{4}$ S10 BT. S10 | S11
	A pinon, 7 ins. dia., bears S. $25^{\circ}30'$ E., 26 lks. dist., marked $\frac{1}{4}$ S11 BT. S10 | S11
42.60	Draw, 40 ft. below cor., drains N. 60° E.; ascend gradually. S10 | S11
44.30	Ridge, 40 ft. above draw, bears NE. and SW.; descend gradually. S10 | S11
54.00	Top of abrupt descent; bears N. 20° E. and S. 20° W. S10 | S11
74.30	Deep, rocky, gulch, 630 ft. below ridge, drains NE.; ascend abruptly. S10 | S11
80.00	On top of spur, 100 ft. above gulch, projects E. S10 | S11 Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in the ground to bed rock and in a mound of stone, for cor. secs. 2, 3, 10 and 11, with brass cap marked, S10 | S11 From which, S10 | S11

Subdivision of T. 30 S., R. 6 E.

Chains

A pinon, 6 ins. dia., bears N. 6° E., 24 lks.
 dist., marked T30S R6E S2 BT.
 A pinon, 8 ins. dia., bears S. 40° E., 88 lks.
 dist., marked T30S R6E S11 BT.
 A pinon, 14 ins. dia., bears S. 40° W., 58 lks.
 dist., marked T30S R6E S10 BT.
 A pinon, 8 ins. dia., bears N. 86° W., 60 lks.
 dist., marked T30S R6E S3 BT.
 Land, broken, with a general northeasterly exposure and
 drainage.
 Soil, shallow, sandy loam, mixed with loose sandstone;
 lying on sandstone bedrock.
 Undergrowth, scattering sagebrush.
 Timber, dense cedar and pinon.
 Fair grazing.
 &

N. $89^{\circ}57'$ E., on random line bet. secs. 2 and 11.

- 40.00 Set temp. $\frac{1}{2}$ sec. cor.
 80.04 Intersect the N. and S. line, 5 lks. S. of the cor. secs.
 1, 2, 11 and 12.
 Thence,
 S. $89^{\circ}55'$ W., on true line bet. secs. 2 and 11.
 Descend abruptly over broken land through dense cedar and
 pinon timber and scattering undergrowth of sagebrush.
 8.40 Gulch, 200 ft. below cor., drains N. 60° E.; ascend abruptly.
 25.80 Red sandstone point, 230 ft. above gulch, projects NE.;
 descend abruptly.
 30.00 Gulch, 100 ft. below point, drains NE.; ascend abruptly.
 ✓ 40.02 On gentle E. slope, 85 ft. above gulch; on sandstone
 surface rock, mark a cross (X) for exact cor. point, over
 which, ~~Set an iron post, 3 ft. long, 1 in. dia., in a mound of~~
~~stone, for $\frac{1}{2}$ sec. cor., with brass cap marked,~~
 Set an iron post, 3 ft. long, 1 in. dia., in a mound of
 stone, for $\frac{1}{2}$ sec. cor., with brass cap marked,

S2
 $\frac{1}{2}$

S11

1921

Subdivision of T. 130 S., R. 6 E.

Chains	
	From which,
	A pinon, 8 ins. dia., bears N. 10° E., 45 lks.
	dist., marked $\frac{1}{4}$ S2 BT.
	A pinon, 10 ins. dia., bears SW., 13 lks.
	dist., marked $\frac{1}{4}$ S11 BT.
60.00	Ridge, 170 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend abruptly.
65.80	Gulch, 100 ft. below ridge, drains N. 30° E.; ascend abruptly.
69.70	Ridge, 60 ft. above gulch, bears NE. and SW.; descend abruptly.
76.00	Gulch, 490 ft. below ridge, drains N. 10° E.; ascend abruptly.
80.04	The cor. secs. 2, 3, 10 and 11, 35 ft. above gulch. Land, broken, with a general northeasterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Fair grazing.
40.00	North, on random line bet. secs. 2 and 3. Thence, set temp. $\frac{1}{4}$ sec. cor. line, seen from mid ridge.
79.48	Intersect the N. bdy. of the township, 12 lks. W. of the cor. secs. 2 and 3. In cor. line, taking counter-clockwise. Thence,
.50	S. $0^{\circ}05'$ W., on true line bet. secs. 2 and 3. Ascend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
1.80	Spur, 20 ft. above cor., projects N. 80° E.; descend abruptly.
3.60	Gulch, 50 ft. below spur, drains N. 60° E.; ascend abruptly.
	Point of spur, 75 ft. above gulch, projects W.; descend abruptly.

Subdivision of T. 30 S., R. 6 E.

Chains	
6.70	Same gulch as last, 60 ft. below spur, drains N. 10° W.; ascend abruptly.
13.70	Spur, 250 ft. above gulch, projects E.; descend abruptly.
18.50	Gulch, 280 ft. below spur, drains N. 60° E.; ascend abruptly.
26.70	Enter broken top of spur, 500 ft. above gulch, bears NE. and SW.; thence over broken top of spur.
34.50	Leave top of spur, bears NE. and SW.; descend abruptly, over sandstone ^{mm} rock, bears NE. and SW.
36.50	Base of rim rock, 150 ft. below top, bears NE. and SW.; continue abrupt descent.
39.48	On steep E. slope, 70 ft. below base of rim rock; on sandstone surface rock, mark a cross (X) for exact cor. point, over which, Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	$\frac{1}{4}$ S3 | S2 1921 ✓
	From which, A pinon, 3 ins. dia., bears S. 11° E., 23 lks. dist., marked $\frac{1}{4}$ S2 BT.
	A pinon, 8 ins. dia., bears S. $15^{\circ}15'$ W., 86 lks. dist., marked $\frac{1}{4}$ S3 BT.
49.50	Deep, rocky, gulch, 150 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend gradually.
79.48	The cor. secs. 2, 3, 10 and 11, 190 ft. above gulch. Land, broken; with a general northeasterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Fair grazing.

Subdivision of T. 30 S., R. 6 E.

Chains

- From the cor. secs. 15, 16, 21 and 22, heretofore described N. $0^{\circ}02'$ W., bet. secs. 15 and 16.
- Ascend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
- 4.00 Wash, 15 lks. wide, 4 ft. deep, drains S. 70° E.
- 17.70 Wash, 20 lks. wide, 5 ft. deep, drains N. 80° E.
- 34.00 Ridge, 150 ft. above cor., bears E. and W.; descend gradually.
- 40.00 On steep N. slope, 150 ft. below ridge.
- Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
- | | |
|---------------|---------------|
| $\frac{2}{4}$ | $\frac{3}{4}$ |
|---------------|---------------|
- S16 | S15
- 1921 ✓
- From which,
- A pinon, 6 ins. dia., bears N. $20^{\circ}15'$ E., 15 lks. dist., marked $\frac{1}{4}$ S15 BT.
- A cedar, 14 ins. dia., bears SW., 14 lks. dist., marked $\frac{1}{4}$ S16 BT.
- 49.60 Deep gulch, 300 ft. below the $\frac{1}{4}$ sec. cor., drains N. 80° E. ascend abruptly.
- 63.00 Enter rolling top of plateau, 550 ft. above gulch, bears E. and W.; thence over rolling land.
- 69.30 Road, bears NW. to Grover, Ut. and SE. to Fruita, Ut.
- 80.00 On rolling top of plateau.
- Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 9, 10, 15 and 16, with brass cap marked,
- | | |
|------|-----|
| T30S | R6E |
|------|-----|
- S9 | S10
- 1921 ✓
- From which,
- A yellow pine, 10 ins. dia., bears N. 33° E., 113 lks. dist., marked T30S R6E S10 BT.

Subdivision of T. 30 S., R. 6 E.

Chains	<p>A pinon, 12 ins. dia., bears S. $34^{\circ}30'$ E., 54 lks. dist., marked T30S R6E S15 BT.</p> <p>A pinon, 10 ins. dia., bears S. 68° W., 19 lks. dist., marked T30S R6E S16 BT.</p> <p>A yellow pine, 12 ins. dia., bears N. 85° W., 74 lks. dist., marked T30S R6E S9 BT.</p> <p>Land, broken, with a general southerly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Fair grazing.</p>
	<p>✓ East, on random line bet. secs. 10 and 15.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect the N. and S. line, 9 lks. S. of the cor. secs. 10, 11, 14 and 15.
	Thence,
	S. $89^{\circ}56'$ W., on true line bet. secs. 10 and 15.
	Descend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
.70	Gulch, 45 ft. below cor., drains S.; ascend abruptly.
10.00	Spur, 150 ft. above gulch, projects S.; descend abruptly.
12.00	Head of gulch, 40 ft. below spur, drains SE.; ascend abruptly.
30.80	Enter rolling top of plateau and scattering yellow pine timber, 455 ft. above gulch, bears SW. and NE.; thence over rolling top of plateau.
✓ 39.97	On gentle E. slope. Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	S10 $\frac{1}{4}$ S15
	1921

Subdivision of T. 30 S., R. 6 E.

Chains	
	From which, A pinon, 14 ins. dia., bears N. 32° E., 64 lks. dist., marked $\frac{1}{4}$ S10 BT.
	A cedar, 10 ins. dia., bears S. $28^{\circ}30'$ W., 25 lks. dist., marked $\frac{1}{4}$ S15 BT.
51.50	Road, bears N. 80° E. to Fruita, Ut. and S. 80° W. to Grover, Ut.
58.20	Head of draw, 40 ft. deep, drains NE.
67.00	Wash, 15 lks. wide, 5 ft. deep, drains NE.
79.94	The cor. secs. 9, 10, 15 and 16. Land, broken, E. 30.80 chs. with a general southeasterly exposure and drainage; rolling top of plateau remainder of mile with a general northeasterly exposure and drain. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon and scattering yellow pine. Fair grazing.
	N. $0^{\circ}02'$ W., bet. secs. 9 and 10. Descend gradually over rolling land through dense cedar and pinon and scattering yellow pine timber and scatteri undergrowth of sagebrush.
11.70	Gulch, 40 ft. below cor., drains NE; ascend gradually.
14.30	Ridge, 40 ft. above gulch, bears E. and W.; descend gradually.
26.20	Gulch, 130 ft. below ridge, drains N. 70° E.; ascend gradually.
33.30	Ridge, 60 ft. above gulch, bears N. 70° E. and S. 70° W.; descend gradually.
40.00	On gentle N. slope of ridge, 40 ft. below top. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,

Subdivision of T. 30 S., R. 6 E.

Chains

	$\frac{1}{2}$
S9	S10

1921

From which,

A yellow pine, 12 ins. dia., bears N. 50° E., 157 lks.
dist., marked $\frac{1}{2}$ S10 BT.

A pinon, 6 ins. dia., bears N. 25° W., 40 lks.
dist., marked $\frac{1}{4}$ S9 BT.

57.00 Draw, 40 ft. below the $\frac{1}{4}$ sec. cor., drains N. 60° E.;
ascend gradually.

80.00 On top of spur, 70 ft. above draw, projects W.

Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the
ground to bed rock and in a mound of stone, for cor.
secs. 3, 4, 9 and 10, with brass cap marked,

T30S	R6E
S4	S3
S9	
S10	

1921

From which,

A pinon, 10 ins. dia., bears N. $78^{\circ}30'$ E., 10 lks.
dist., marked T30S R6E S3 BT.

A pinon, 8 ins. dia., bears S. $8^{\circ}30'$ E., 49 lks.
dist., marked T30S R6E S10 BT.

A pinon, 14 ins. dia., bears S. 54° W., 48 lks.
dist., marked T30S R6E S9 BT.

A pinon, 9 ins. dia., bears N. 29° W., 95 lks.
dist., marked T30S R6E S4 BT.

Land, rolling, with a general northeasterly exposure and
drainage.

Soil, shallow, sandy loam, mixed with loose limestone,
lying on limestone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon and scattering yellow pine.

Good grazing.

Subdivision of T. 30 S., R. 6 E.

Chains

- N. $89^{\circ}56'$ E., on random line bet. secs. 30 and 10.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 2, 3, 10 and 11.
 Thence,
 S. $89^{\circ}58'$ W., on true line bet. secs. 3 and 10.
 Ascend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
 16.60 Ridge, 400 ft. above cor., bears NE. and SW.; thence over rolling top of ridge,
 21.00 Leave top of ridge, bears NE. and SW.; descend abruptly.
 32.00 Deep, rocky, gulch, 380 ft. below ridge, drains NE.; ascen
 39.00 Ridge, bears NE. and SW., 230 ft. above gulch; descend.
 40.01 On steep W. slope of ridge, 20 ft. below top.
 Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,

S3

$\frac{1}{4}$ S10

1921

From which,

A pinon, 6 ins. dia., bears N. $10^{\circ}30'$ E., 27 lks. dist., marked $\frac{1}{4}$ S3 BT.

A pinon, 8 ins. dia., bears S. $30^{\circ}15'$ W., 56 lks. dist., marked $\frac{1}{4}$ S10 BT.

46.00 Gulch, 200 ft. below the $\frac{1}{4}$ sec. cor., drains N. 30° E.; ascend abruptly.

59.60 Enter flat top of ridge, 240 ft. above gulch, bears NE. and SW.; thence over rolling top of ridge,

73.00 Draw, 40 ft. deep, drains NE.

80.02 The cor. secs. 3, 4, 9 and 10.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow sandstone loam, mixed with loose sandstone; lying on sandstone bed rock.

Subdivision of T. 30 S., R. 6 E.

Chains	
	Undergrowth, scattering sagebrush.
	Timber, dense cedar and pinon.
	Good grazing.
40.00	N. $0^{\circ}05'$ E., on random line bet. secs. 3 and 4. Set temp. $\frac{1}{4}$ sec. cor.
79.46	Intersect the N. bdy. of the township, 14 lks. E. of the cor. secs. 3 and 4. Thence, S. $0^{\circ}01'$ E., on true line bet. secs. 3 and 4. Ascend abruptly over broken land through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.
1.00	Spur, 10 ft. above cor., projects W.; descend abruptly.
2.20	Gulch, 40 ft. below spur, drains N. 30° W.; ascend gradually.
4.50	Same gulch, drains N. 30° E.; ascend abruptly.
22.80	Enter rolling top of ridge, 520 ft. above gulch, bears NE. and SW.; thence over rolling top of ridge.
33.46	On rolling top of ridge. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	S4 | S3
	1921
	From which,
	A pinon, 6 ins. dia., bears N. 72° E., 7 lks. dist., marked $\frac{1}{4}$ S3 BT.
	A pinon, 24 ins. dia., bears S. 87° W., 38 lks. dist., marked $\frac{1}{4}$ S4 BT.
40.30	Leave rolling top of ridge, bears N. 30° E. and S. 30° W.; descend abruptly.
44.50	Limestone ledge, 50 ft. high, bears NE. and SW.

Subdivision of T. 30 S., R. 6 E.

Chains	
56.50	Gulch, 410 ft. below ridge, drains NE.; ascend abruptly.
76.00	Ascent becomes gradual, bears NE. and SW.
79.46	The cor. secs. 3, 4, 9 and 10, 400 ft. above gulch. Land, broken, with a general northeasterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon and scattering yellow pine. Good grazing.

From the standard cor. Secs. 32 and 33, heretofore described N. $0^{\circ}03'$ W., on random line bet. secs. 32 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.80 Intersect the E. and W. line, 21 lks. W. of the cor. secs. 28, 29, 32 and 33, heretofore described.
Thence, S. $0^{\circ}06'$ W., on true line bet. secs. 32 and 33.
Ascend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

5.70 East point of red sandstone spur, 80 ft. above cor.; descend gradually.

17.50 Draw, 180 ft. below spur, drains S. 80° E.; ascend gradually.

40.00 On top of ridge, 200 ft. above draw, bears NE. and SW.
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,

$\frac{1}{4}$
S32 | S33
1921

From which, and east and west projections,

A pinon, 10 ins. dia., bears S. 70° E., 36 lks.

dist., marked $\frac{1}{4}$ S33 BT.

A pinon, 6 ins. dia., bears S. 82° W., 36 lks.

dist., marked $\frac{1}{4}$ S32 BT.

Subdivision of T. 30 S., R. 6 E.

Chains	
53.00	Gulch, 80 ft. below the $\frac{1}{4}$ sec. cor., drains N. 60° E.; ascend abruptly.
78.80	The standard cor. secs. 32 and 33, 560 ft. above gulch. Land, broken, with a general northeasterly exposure and drainage.
	Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.
	Undergrowth, scattering sagebrush.
	Timber, dense cedar and pinon.
	Good grazing.

As the $\frac{1}{4}$ sec. cor. secs. 33 and 34, which is a trachyte, 13 x 14 x 12 ins. above ground, set by J.P. Walker, U.S. Surveyor, in 1904, during the survey of the bdy. of the Powell Forest Reserve; is dimly marked and loosely set, I reestablish cor. as follows.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, alongside old cor., for $\frac{1}{4}$ sec. cor. secs. 33 and 34, with brass cap marked,

$\frac{1}{4}$
S33 | S34

1921

Use original bearing trees which are as follows.

A pinon, 7 ins. dia., bears N. $29^{\circ}30'$ E., 60 lks. dist., marked $\frac{1}{4}$ S34 BT.

A pinon, 16 ins. dia., bears N. $80^{\circ}15'$ W., 72 lks. dist., marked $\frac{1}{4}$ RRS S33 BT.

From the cor. secs. 28, 29, 32 and 33, N. $0^{\circ}03'$ W., on random line bet. secs. 28 and 29 and 20 and 21.

152.60 Intersect the bdy. of the Powell Forest Reserve, 24 lks. E. of the cor. secs. 16, 17, 20 and 21 and U.S. Forest Bdy. Reserve Post No. 76, which is an iron post, 3 ins. dia., surrounded by a mound of stone, set by J.P. Walker,

Subdivision of T. 30 S., R. 6 E.

Chains	
	U.S. Surveyor, in 1904, on bdy. of Powell Forest Reserv with brass cap, properly marked and witnessed.
	The bearing of these 2 miles is therefore, N. $0^{\circ}08'$ W., and the proportionate dist. for each $\frac{1}{2}$ mile, is 39.90
	Thence,
	From the cor. secs. 28, 29, 32 and 33. N. $0^{\circ}08'$ W., on true line bet. secs. 28 and 29.
	Descend gradually over rolling land through dense cedar & pinon timber and scattering undergrowth of sagebrush.
7.00	Gulch, 40 ft. below cor., drains E.; ascend gradually.
20.00	Ridge, 40 ft. above gulch, bears E. and W.; descend gradually.
34.60	Choke Cherry Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, in gulch, 45 ft. below ridge, drains E.; ascend gradually.
39.90	On gentle S. slope, 35 ft. above creek; proportionate measurement. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	$\frac{1}{4}$ S29 S28 1921
	From which,
	A pinon, 8 ins. dia., bears East, 24 lks. dist., marked $\frac{1}{4}$ S28 BT.
	A pinon, 10 ins. dia., bears S. 65° W., 38 lks. dist., marked $\frac{1}{4}$ S29 BT.
44.00	Spur, 40 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend gradually.
46.00	Gulch, 35 ft. below spur, drains S. 80° E.; ascend gradual
52.30	Enter flat top of ridge, 30 ft. above gulch, bears E. and W.; thence over flat top of ridge.
69.40	Leave top of ridge, bears E. and W.; descend abruptly.
79.80	On steep N. slope, 110 ft. below ridge.

Subdivision of T. 30 S., R. 6 E.

Chains

Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to bed rock and in a mound of stone, for cor. secs. 20, 21, 28 and 29, with brass cap marked,

T30S	R6E
S20	S21
S29	S28

1921

From which,

A pinon, 10 ins. dia., bears N. 56° E., 57 lks.

dist., marked T30S R6E S21 BT.

A pinon, 8 ins. dia., bears S. 9° E., 21 lks.

dist., marked T30S R6E S28 BT.

A cedar, 10 ins. dia., bears S. 56° W., 36 lks.

dist., marked T30S R6E S29 BT.

A cedar, 8 ins. dia., bears N. 50° W., 18 lks.

dist., marked T30S R6E S20 BT.

Land, rolling, with a general easterly exposure and drainage.

Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon.

Good grazing.

East, on random line bet. secs. 21 and 28.
40.00 Set temp. 1 sec. cor.

79.90 Intersect the bdy. of the Powell Forest Reserve, 21 lks.

N. of the cor. secs. 21, 22, 27 and 28, and post. No.

74 of the Powell Forest Reserve. Thence:

N. $89^{\circ}51'$ W., on true line bet. secs. 21 and 28.

Descend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

18.80 Gulch, 320 ft. below cor., drains S. 20° E.; ascend abruptly.

20.20 Limestone spur, 50 ft. above gulch, projects S.; descend gradually.

Subdivision of T. 30 S., R. 6 E.

Chains	
31.80	Gulch, 40 ft. below spur, drains S. 15° E.; ascend abruptly.
39.95	On broken land, 80 ft. above gulch. Set an iron post, 3 ft. long, 1 ins. dia., .6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	<u>S21</u> $\frac{1}{4}$ <u>S28</u>
	1921
	From which, A pinon, 6 ins. dia., bears N. 49° E., 65 lks. marked $\frac{1}{4}$ S21 BT.
	A pinon, 6 ins. dia., bears S. 76° E., 30 lks. marked $\frac{1}{4}$ S28 BT.
45.00	Ridge, 35 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; descend gradually.
50.00	Draw, 45 ft. below ridge, drains S. 60° E.; ascend gradually.
60.00	Spur, 30 ft. above draw, projects S.; descend abruptly.
75.00	Road, bears NW. to Grover, Ut. and SE. to Boulder, Ut.
75.80	Sulphur Creek Bed, dry, in gulch, 260 ft. below spur, drains S. 70° E.; ascend abruptly.
79.90	The cor. secs. 20, 21, 28 and 29, 150 ft. above Sulphur Creek Bed. Land, broken, with a general southeasterly exposure and drainage.
	Soil, shallow, sandy loam, mixed with loose lime and sandstone; lying on sandstone bed rock.
	Undergrowth, scattering sagebrush.
	Timber, dense cedar and pinon.
	Fair grazing.
	As the $\frac{1}{4}$ sec. cor. secs. 27 and 28, which is a trachyte, 6 x 8 x 6 ins. above ground, set by J.P. Walker, U.S. Surveyor, in 1904, during the survey of the Powell Forest Reserve Bdy., is dimly marked and loosely set,

Subdivision of T. 30 S., R. 6 E.

Continue

I reestablish cor. as follows.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, alongside old cor., for 1 sec. cor. secn, 27 and 28, with brass cap marked,

520	527

1921

Use the original bearing trees which are as follows.

A pinon, 11 ins. dia., bears N. $63^{\circ}45'$ E., 23 1/2 ft. dist., marked 1 sec. cor. RT.

A pinon, 11 ins. dia., bears N. $64^{\circ}26'$ E., 42 1/2 ft. dist., marked 1 sec. 1 sec. RT.

N. $67^{\circ}01'$ W., on true line bet. secn. 20 and 21, from the cor. secn. 20 21, 20 and 21.

Descend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

- 8.00 Bottom of Sulphur Creek bed, 66 ft. below cor., dry at this point, drains S. 60° E.; road in bottom of creek bed, bears N. 60° E. to Boulder, U.L. and N. 60° E. to Grever, U.L.; ascend abruptly.
- 9.00 Point of spur, 110 ft. above creek bed, projects SW.; descend abruptly.

- 10.00 Gulch, 66 ft. below point of spur, drains SW.; ascend abruptly.

- 12.00 Ascend benches gradual, bears N. and W.

- 13.20 Proportionate measurement; on gentle SW. slope, 130 ft. above gulch, on sandstone surface rock, mark a cross (X) for exact cor. point, over which,

set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for 1 sec. cor., with brass cap marked,

520	521

1921

From which,

Subdivision of T. 30 S., R. 6 E.

Chains	<p>A pinon, 12 ins. dia., bears N. 80° E., 47 lks. dist., marked $\frac{1}{4}$ S21 BT.</p> <p>A pinon, 10 ins. dia., bears S. 47° W., 12 lks. dist., marked $\frac{1}{4}$ S20 BT.</p> <p>Top of ascent, bears E. and W.; 75 ft. above the $\frac{1}{2}$ sec. cor.; thence over rolling land.</p> <p>The cor. secs. 16, 17, 20 and 21, heretofore described. Land, broken, with a general southerly exposure and drain. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.</p> <p>Undergrowth, scattering sagebrush.</p> <p>Timber, dense cedar and pinon.</p> <p>Fair grazing.</p>
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As the $\frac{1}{4}$ sec. cor. secs. 16 and 21, which is a sandstone, 8 x 16 x 8 ins. above ground, set by J.P Walker, U.S. Surveyor in 1904, during the survey of the Powell Forest Reserve Bdy.; is dimly marked and loosely set, I reestablish cor. as follows.

Set an iron post; 3 ft. long, 1 in. dia., 26 ins. in the ground, alongside old cor., for $\frac{1}{4}$ sec. cor. secs. 16 and 21, with brass cap marked;

S16

$\frac{1}{4}$
S21

1921

Use the original bearing trees which are as follows.

A pinon, 14 ins. dia., bears N. $36^{\circ}30'$ E., 47 lks.
dist., marked $\frac{1}{4}$ S16 BT.

A pinon, 20 ins. dia., bears S. $43^{\circ}30'$ E., 46 lks.
dist., marked RES $\frac{1}{4}$ S21 BT.

As the $\frac{1}{4}$ sec. cor. secs. 21 and 22, which is a limestone, 8 x 14 x 10 ins. above ground, set by J.P. Walker, U.S. surveyor, in 1904, during the survey of the Powell Forest Reserve Bdy.; is dimly marked and loosely set; I

Subdivision of T. 30 S., R. 6 E.

Chains

reestablish cor. as follows.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, alongside old cor., for $\frac{1}{4}$ sec. cor. secs. 21 and 22, with brass cap marked,

S21 S22

1921

Use the original bearing trees which are as follows.

A pinon, 6 ins. dia., bears N. 28° E., 24 lks.

dist., marked $\frac{1}{4}$ S22 BT.

A pinon, 10 ins. dia., bears N. $65^{\circ}30'$ W., 16 lks.

dist., marked RES $\frac{1}{4}$ S21 BT.

From the cor. secs. 16, 17, 20 and 21.

E. $0^{\circ}03'W.$, bet. secs. 16 and 17.

Over rolling top of plateau through dense cedar and pinon and scattering yellow pine timber and scattering under-growth of sagebrush.

24.64 A 18 ins. pinon, which I mark with 2 notches on N. and S. sides for line tree.

33.70 A 18 ins. pinon, which I mark with 2 notches on N. and S. sides for line tree.

40.00 On rolling top of plateau.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,

S17 S16

1921

From which,

A pinon, 10 ins. dia., bears N. 76° E., 63 lks..

dist., marked $\frac{1}{4}$ S16 BT.

A pinon, 6 ins. dia., bears N. 84° W., 51 lks..

dist., marked $\frac{1}{4}$ S17 BT.

40.42 A 20 ins. pinon, which I mark with 2 notches on N. and S. sides for line tree.

Subdivision of T. 30 S., R. 6 E.

Chains	
49.90	Gulch, 110 ft. deep, drains E.
61.90	Road, bears N. 70° E. to Fruita, Ut. and S. 70° W. to
63.00	Grover, Ut.
79.70	Wash, 15 lks. wide, 4 ft. deep, drains S. 20° W.
80.00	On rolling top of plateau. Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 8, 9, 16 and 17, with brass cap marked,
	T30S | R6E S8 | S9 BT ----- S17 | S16 BT
	1921
	From which,
	A yellow pine, 13 ins. dia., bears N. 55° E., 75 lks. dist., marked T30S R6E S9 BT.
	A yellow pine, 24 ins. dia., bears S. 19° E., 60 lks. dist., marked T30S R6E S16 BT.
	A yellow pine, 14 ins. dia., bears S. 49° W., 92 lks. dist., marked T30S R6E S17 BT.
	A pinon, 10 ins. dia., bears N. $54^{\circ}30'$ W., 23 lks. dist., marked T30S R6E S8 BT.
	Land, rolling, with a general southerly exposure and drain.
	Soil, shallow, sandy loam, mixed with loose lime and sand- stone; lying on sandstone bed rock.
	Undergrowth, scattering sagebrush.
	Timber, dense cedar and pinon and scattering yellow pine.
	Good grazing.
	✓
	East, on random line bet. secs. 9 and 16.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.06	Intersect the N. and S. line, 50 lks. S. of the cor. secs. 9, 10, 15 and 16.
	Thence,
	✓ S. $89^{\circ}58'$ W., on true line bet. secs. 9 and 16.
	Ascend gradually over rolling land through dense cedar and

Subdivision of T. 30 S., R. 6 E.

Chains

- pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.
- 14.00 Road, bears N. 80° W. to Grover, Ut. and S. 80° E. to Fruita, Ut.
- 23.70 Ridge, 110 ft. above cor., bears N. 20° W. and S. 20° E.; descend gradually.
- 30.70 Head of gulch, 75 ft. below ridge, drains S. 10° E.; ascend gradually.
- 40.05 On steep SE. slope, 85 ft. above gulch; on sandstone surface rock, mark a cross (x) for exact cor., point, over which,
Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked,
- $$\begin{array}{r} \text{S9} \\ \hline \text{S16} \end{array}$$
- 1921 ..
- From which,
A pinon, 10 ins. dia., bears N. $5^{\circ}30'$ E., 21 lks.
dist., marked $\frac{1}{2}$ S9 BT.
A pinon, 6 ins. dia., bears S. $45^{\circ}15'$ W., 8 lks.
dist., marked $\frac{1}{2}$ S16 BT.
- 48.00 Enter rolling top of plateau, 80 ft. above the $\frac{1}{2}$ sec. cor., bears N. 60° E. and S. 60° W.; thence over rolling land.
- 49.20 Road, bears NE. to Fruita, Ut. and SW. to Grover, Ut.
- 72.12 A yellow pine, 20 ins. dia., which I mark with 2 notches on E. and W. sides for line tree.
- 80.06 The cor. secs. 8, 9, 16 and 17.
Land, rolling, with a general easterly exposure and drainage.
Soil, shallow, sandy loam, mixed with loose sandstone;
lying on sandstone bed rock.
Undergrowth, scattering sagebrush.
Timber, dense cedar and pinon and scattering yellow pine.
Good grazing.

Subdivision of T. 30 S., R. 6 E.

Chains

- N. $0^{\circ}03'$ W., bet. secs. 8 and 9.
Over rolling top of plateau through dense cedar and pinon
and scattering yellow pine timber and scattering under-
growth of sagebrush.
- . 34.60 Leave rolling top of plateau, bears E. and W.; descend
gradually.
- 40.00 On gentle N. slope, near bottom of gulch, 85 ft. below
top of plateau.
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,
- | | | |
|---------------|----|----|
| $\frac{1}{4}$ | S8 | S9 |
|---------------|----|----|
- 1921
- From which,
- A pinon, 12 ins. dia., bears N. 33° W., 25 lks.
dist., marked $\frac{1}{4}$ S8 BT.
- A pinon, 14 ins. dia., bears East, 11 lks.
dist., marked $\frac{1}{4}$ S9 BT.
- 40.30 Gulch, 10 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; ascend
gradually.
- 56.00 Ridge, 55 ft. above gulch, bears NW. and SE.; descend
abruptly.
- 61.50 Gulch, 230 ft. below ridge, drains N. 70° E.; ascend
abruptly.
- 71.50 Ridge, 200 ft. above gulch, bears NE. and SW.; descend
abruptly.
- 80.00 On steep N. slope, 80 ft. below top of ridge.
Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the
ground, for cor. secs. 4, 5, 8 and 9, with brass cap
marked,
- | | |
|------|-----|
| T30S | R6E |
| S5 | S4 |
- 1921
- From which,
- A pinon, 6 ins. dia., bears N. $27^{\circ}30'$ E., 15 lks.
dist., marked T30S R6E S4 BT.

Subdivision of T. 30 S., R. 6 E.

Chains

A pinon, 10 ins. dia., bears S. 43° E., 15 lks.

dist., marked T30S R6E S9 BT.

A pinon, 6 ins. dia., bears S. 59° W., 19 lks.

dist., marked T30S R6E S8 BT.

A pinon, 8 ins. dia., bears N. 6° W., 51 lks.

dist., marked T30S R6E S5 BT.

Land, rolling on S. $\frac{1}{2}$ mile with a general northerly exposure and drainage; broken on N. $\frac{1}{2}$ mile with a general northeasterly exposure and drainage.

Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar and pinon and scattering yellow pine.

Good grazing.

N. $89^{\circ}58'$ E., on random line bet. secs. 4 and 9.

40.00 Set temp. $\frac{1}{2}$ sec. cor.,

80.04 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 3, 4, 9 and 10.

Thence,

West, on true line bet. secs. 4 and 9.

Descend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.

14.30 Gulch, 180 ft. below cor., drains N.; ascend abruptly.

18.80 Ridge, 200 ft. above gulch, bears N. 10° E. and S. 10° W.; descend gradually.

26.20 Gulch, 50 ft. below ridge, drains N.; ascend gradually.

31.00 Spur, 60 ft. above gulch, projects N. 10° E.; descend abruptly.

38.50 Gulch, 150 ft. below spur, drains N.; ascend abruptly.

40.02 On steep E. slope, 45 ft. above gulch.
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked,

S4

$\frac{1}{2}$

S9

1921

Subdivision of T. 30 S., R. 6 E.

Chains	
	From which,
	A pinon, 8 ins. dia., bears N. 22°30' E., 31 lks. dist., marked $\frac{1}{4}$ S4 BT.
	A pinon, 20 ins. dia., bears S. 35° W., 7 lks. dist., marked $\frac{1}{4}$ S9 BT.
42.50	Ridge, 100 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; descend abruptly.
53.70	Gulch, 120 ft. below ridge, drains N.; ascend abruptly.
67.00	Ridge, 140 ft. above gulch, bears N. and S.; descend abruptly.
72.90	Gulch, 90 ft. below ridge, drains NE.; ascend gradually.
80.04	The cor. secs. 4, 5, 8 and 9, 40 ft. above gulch. Land, broken, with a general northeasterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Good grazing.
	N. 0°01' W., on random line bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.40	Intersect the N. bdy. of the township, 7 lks. E. of the cor. secs. 4 and 5. Thence,
	S. 0°04' E., on true line bet. secs. 4 and 5. Ascend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
3.30	Ridge, 50 ft. above cor., bears NE. and SW.; descend abruptly.
11.30	Gulch, 205 ft. below ridge, drains N. 60° E.; ascend gradually.
26.00	Ridge, 40 ft. above gulch, bears NE. and SW.; descend abruptly.

Subdivision of T. 30 S., R. 6 E.

Chains	Surveyed section from 32.30 ft. above ground level to 79.40 ft. above ground level.
32.30	Gulch, 110 ft. below ridge, drains NE.; ascend abruptly.
39.40	On steep SE. slope, 105 ft. above gulch; on sandstone surface rock, mark a cross (X) for exact cor. point, over which,
	Set an iron post, 3 ft. long, 1 in. dia., in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	$\frac{1}{4}$ S5 S4
	1921
	From which,
	A pinon, 14 ins. dia., bears S. 22° E., 20 lks. dist., marked $\frac{1}{4}$ S4 BT.
	A pinon, 8 ins. dia., bears S. 60° W., 17 lks. dist., marked $\frac{1}{4}$ S5 BT.
46.40	Spur, 40 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend gradually.
49.40	Gulch, 50 ft. below spur, drains N. 50° E.; ascend gradually.
57.40	Ridge, 40 ft. above gulch, bears NE. and SW.; descend abruptly.
62.00	Ravine, 150 ft. below ridge, drains N. 60° E.; ascend abruptly.
71.40	Point of limestone spur, 140 ft. above ravine, projects E.; descend abruptly.
76.00	Gulch, 130 ft. below point of spur, drains NE.; ascend abruptly.
79.40	The cor. secs. 4, 5, 8 and 9, 80 ft. above gulch. Land, broken, with a general northeasterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sand and lime-stone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Good grazing.

Subdivision of T. 30 S., R. 6 E.

Chains	<p>From the cor. secs. 29 and 30, heretofore described. N. $0^{\circ}08'$ W., on random line, bet. Secs. 29 and 30, and 19 and 20, counting dist. from a point, 80.00 chs. W., of the cor. secs. 28, 29, 32 and 33.</p>
159.52	<p>Intersect the bdy. of the Powell Forest Reserve, 10 lks. E. of the cor. secs. 17, 18, 19 and 20, which is an iron post, 3 ins. dia., surrounded by a mound of stone, with brass cap, properly marked and witnessed; set by J.P. Walker, U.S. Surveyor, in 1904, during the survey of the Powell Forest Reserve for Powell Forest Reserve Bdy. Post No. 77, and cor. of secs. 17, 18, 19 and 20. The bearing of the line bet. the cor. secs. 29 and 30, and the cor. secs. 17, 18, 19 and 20, is therefore, N. $0^{\circ}10'$ W., and the proportionate dist. for each $\frac{1}{2}$ mile, is 39.88 chs.</p>
2.52	<p>Thence,</p>
4.10	<p>From the cor. secs. 29 and 30.</p>
26.20	<p>N. $0^{\circ}10'$ W., on true line bet. secs. 29 and 30; counting dist. from a point, 80.00 chs. W. of the cor. secs. 28, 29, 32 and 33.</p>
28.50	<p>Descend gradually over broken land through dense cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush.</p>
34.00	<p>The cor. of secs. 29 and 30, heretofore described. Gulch, 45 ft. below cor., descends N. 80° E.; ascend abruptly W. slope of ridge.</p>
39.88	<p>High point from ridge, 300 ft. above gulch, projects W.; descend abruptly.</p>
	<p>Low pass in ridge, 100 ft. below point, bears NW. and SE.; ascend gradually.</p>
	<p>Ridge, bears E. and W.; 45 ft. above pass, descend abruptly N. slope of ridge.</p>
	<p>Proportionate measurement; on steep N. slope of ridge. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,</p>

$\frac{1}{4}$
S30 | S29

Subdivision of T. 30 S., R. 6 E.

Chains

From which,

A yellow pine, 10 ins. dia., bears N. 42° E., 36 lks.
dist., marked $\frac{1}{4}$ S29 BT.

A pinon, 6 ins. dia., bears S. 68° W., 6 lks.
dist., marked $\frac{1}{4}$ S30 BT.

44.00 Base of abrupt descent, 180 ft. below cor., bears E. and W.; descend gradually.

72.00 Descent becomes abrupt, bears NE. and SW.

79.76 Proportionate measurement; on sandstone ledge, 20 ft. high, 125 ft. below base of abrupt descent, bears NE. and SW; mark a cross (X) for exact cor. point, over which, Set an iron post, 3 ft. long, 2 ins. dia., in a mound of stone, for cor. secs. 19, 20, 29 and 30, with brass cap marked,

T30S	R6E
S19	S20
S30	S29

1921

From which,

A pinon, 8 ins. dia., bears N. 16° E., 5 lks.
dist., marked T30S R6E S20 BT.

A pinon, 5 ins. dia., bears S. 10° E., 5 lks.
dist., marked T30S R6E S29 BT.

A red pine, 12 ins. dia., bears S. 65° W., 245 lks.
dist., marked T30S R6E S30 BT.

A pinon, 8 ins. dia., bears N. $25^{\circ}15'$ W., 34 lks.
dist., marked T30S R6E S19 BT.

Land, broken, with a general easterly exposure and drainage.

Soil, shallow, sandy loam; mixed with loose sandstone;
lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon and yellow pine.

Good grazing.

East, on random line bet. secs. 20 and 29.

0.00 Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T. 30 S., R. 6 E.

Chains	
79.90	Intersect the N. and S. line, 3 lks. S. of the cor. secs. 20, 21, 28 and 29. Thence, S. $89^{\circ}59'$ W., on true line bet. secs. 20 and 29.
	Ascend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
6.40	Enter rolling top of ridge, 180 ft. above cor., bears SE. and NW.; thence over rolling top of ridge.
28.00	Leave rolling top of ridge, bears S. 60° E. and N. 60° W.; descend gradually over SW. slope of ridge.
39.95	On gentle SW. slope, 45 ft. below ridge. Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	$\begin{array}{r} \text{S20} \\ \hline \frac{1}{4} \\ \text{S29} \end{array}$
	1921
	From which,
	.. A pinon, 12 ins. dia., bears N. 54° E., 59 lks. dist., marked $\frac{1}{4}$ S20 BT.
	.. A pinon, 8 ins. dia., bears SW., 10 lks. dist., marked $\frac{1}{4}$ S29 BT.
43.80	Draw, 15 ft. below the $\frac{1}{4}$ sec. cor., drains S. 70° E.; ascend gradually.
58.00	Enter rolling top of ridge, 100 ft. above draw, bears NE. and SW.; thence over rolling top of ridge.
72.00	Leave rolling top of ridge, bears NE. and SW.; descend abruptly.
79.90	The cor. secs. 19, 20, 29 and 30, 170 ft. below ridge. Land, broken, with a general easterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Good grazing.

Subdivision of T. 30 S., R. 6 E.

Chains	
	Knowing that a closing cor. will be necessary on the W. bdy. N. $89^{\circ}50'$ W., on true line bet. secs. 19 and 30.
	Descend abruptly over broken land through dense cedar, piñon and yellow pine timber and scattering undergrowth of sagebrush.
.50	Gulch, 25 ft. below cor., drains NE.; ascend abruptly.
14.00	Spur, 150 ft. above gulch, projects S.; descend gradually.
17.00	Draw, 40 ft. below spur, drains S.; ascend gradually.
37.50	Trail, bears N. to Grover, Ut. and S. to Boulder, Ut.
40.00	On gentle E. slope, 40 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked,

S19

S30

1921

From which,

A yellow pine, 16 ins. dia., bears N. $17^{\circ}30'$ W.;

71 lks. dist., marked $\frac{1}{2}$ S19 BT.

A yellow pine, 16 ins. dia., bears S. 34° W.,

74 lks. dist., marked $\frac{1}{2}$ S30 BT.

54.20 Wash, 40 lks. wide, 6 ft. deep, drains SE.; ascent becomes abrupt, bears N. and S.

56.00 White sandstone ledge, 60 ft. high, bears N. and S.

76.45 On steep E. slope, 445 ft. above the $\frac{1}{2}$ sec. cor; intersect the W. bdy. of the township, S. $1^{\circ}33'$ W., 2.00 chs. dist. from the original cor. secs. 19 and 30, which was changed to an angle point as heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to bed rock and in a mound of stone, for closing cor. secs. 19 and 30, with brass cap marked,

T30S | T30S

R5E | S19 C

S30 C

S25 R6E

1921

Subdivision of T. 30 S., R. 6 E.

Chains

From which,

A yellow pine, 18 ins. dia., bears N. 57° E., 30 lks.
dist., marked T30S R6E S19 CC BT.

A pinon, 10 ins. dia., bears S. 10° E., 31 lks.
dist., marked T30S R6E S30 CC BT.

Land, broken, with a general easterly exposure and drainage.
Soil, shallow, sandy loam, mixed with loose sandstone;
lying on sandstone bed rock.

Undergrowth, scattering sagebrush.

Timber, dense cedar, pinon and yellow pine.

Good grazing.

From the cor. secs. 19, 20, 29 and 30.

N. $0^{\circ}10'$ W., on true line bet. secs. 19 and 20.

Descend abruptly over broken land through dense cedar,
pinon and yellow pine timber and scattering undergrowth
of sagebrush.

2.30 Gulch, 50 ft. below cor., drains N. 60° E.; ascend abruptly.

16.50 Ridge, 200 ft. above gulch, bears E. and W.; descend
abruptly.

31.00 Gulch which forms the head of Sulphur Creek, dry, 210 ft.
below ridge, drains S. 80° E.; ascend abruptly.

35.00 Spur, 110 ft. above gulch, projects S. 70° E.; descend
gradually.

39.88 Proportionate measurement; on gentle N. slope, 75 ft.
below spur.

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the
ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec.
cor., with brass cap marked,

$\frac{1}{4}$

S19 | S20

1921

From which,

A pinon, 10 ins. dia., bears N. 79° E., 71 lks.

dist., marked $\frac{1}{4}$ S20 BT.

Subdivision of T. 30 S., R. 6 E.

Chains	
	A pinon, 10 ins. dia., bears S. 60° W., 43 lks. dist., marked $\frac{1}{4}$ S19 BT.
40.50	Road, bears SE. to Boulder, Ut. and NW. to Grover, Ut.
47.00	Ridge, 70 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; descend gradually.
57.70	Gulch, 70 ft. below ridge, drains SE.; ascend abruptly.
65.20	Ridge, 145 ft. above gulch, bears NW. and SE.; descend gradually.
68.30	Draw, 40 ft. below ridge, drains SE.; ascend gradually.
73.00	Spur, 30 ft. above draw, projects E.; descend gradually.
75.20	Gulch, 40 ft. below spur, drains S. 30° W.; ascend gradually.
79.76	The cor. secs. 17, 18, 19 and 20, 35 ft. above gulch. Land, broken, with a general southeasterly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar, pinon and yellow pine. Good grazing.
	As the $\frac{1}{4}$ sec. cor. secs. 17 and 20, which is a sandstone, 10 x 8 x 8 ins. above ground, set by J.P. Walker, U.S. Surveyor in 1904, during the survey of the Powell Forest Reserve Edy.; is dimly marked and loosely set, I reestablish cor. as follows. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, alongside old cor., for $\frac{1}{4}$ sec. cor. secs. 17 and 20, with brass cap marked,
	S17 $\frac{1}{4}$ S20
	1921
	Use the original bearing trees which are as follows. A yellow pine, 14 ins. dia., bears N. $29^{\circ}30'$ W., 46 lks. dist., marked $\frac{1}{4}$ S17 BT.

Subdivision of T. 30 S., R. 6 E.

Chains

A pinon, 14 ins. dia., bears S. $46^{\circ}30'$ E., 48 lks. dist., marked RES $\frac{1}{4}$ S20 BT.

From this cor., the SE. cor. of a lumber cabin, size, 12 x 15 ft., bears N. $35^{\circ}30'$ W., 14.00 chs. dist. From the SE. cor. of this cabin, the chimney on a frame cabin size, 12 x 20 ft. bears N. 9° W., 6.10 chs. dist. From the SE. cor. of first cabin, the center of a group of 8 prospect holes, bears E., 5 chs. dist.

As the $\frac{1}{4}$ sec. cor. secs. 18 and 19, which is a trachyte, 22 x 14 x 8 ins. above ground, set by J.P. Walker, U.S.

Surveyor in 1904, during the survey of the Powell Forest Reserve; is dimly marked and loosely set, I reestablish cor. as follows.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, alongside old cor. for $\frac{1}{4}$ sec. cor. secs. 18 and 19, with brass cap marked,

S18

$\frac{1}{4}$

S19

1921

Use the original bearing trees which are as follows.

A pinon, 10 ins. dia., bears N. $34^{\circ}15'$ W., 41 lks. dist., marked $\frac{1}{4}$ S18 BT.

A pinon, 8 ins. dia., bears S. 60° W., 38 lks. dist., marked RES $\frac{1}{4}$ S19 BT.

From the cor. secs. 17, 18, 19 and 20.

N. $0^{\circ}03'$ W., bet. secs. 17 and 18.

Ascend gradually over broken land through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.

7.00 Red sandstone spur, 60 ft. above cor., projects W.; descend abruptly.

10.20 Gulch, 60 ft. below spur, drains S. 70° W.; ascend abruptly.

Subdivision of T. 30 S., R. 6 E.

Chains	
18.20	Enter rolling top of plateau, 200 ft. above gulch, bears NE. and SW.; thence over rolling land.
35.50	Draw, 30 ft. deep, drains W.
40.00	On rolling top of plateau.
43.00	Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	$\frac{1}{4}$
	S18 | S17
	1921
	From which,
	A pinon, 8 ins. dia., bears S. $70^{\circ}30'$ E., 17 lks. dist., marked $\frac{1}{2}$ S17 BT.
	A pinon, 3 ins. dia., bears S. 70° W., 68 lks. dist., marked $\frac{1}{2}$ S18 BT.
43.00	Ravine, 50 ft. deep, drains S. 80° W.
51.00	Road, bears S. 80° E. to a copper mine and N. 80° W. to Grover, Ut.
65.00	Road, bears E. to Fruita, Ut. and W. to Grover, Ut.
75.00	Gulch, 170 ft. deep, drains N. 70° W.; ascend abruptly.
80.00	At top of ascent, 170 ft. above gulch, bears NW. and SE. Set an iron post, 3 ft. long, 2 ins. dia., 4 ins. in the ground to bed rock and in a mound of stone, for cor. secs. 7, 8, 17 and 18, with brass cap marked,
	T30S R6E S7 | S8
	S18 | S17
	1921
	From which,
	A pinon, 10 ins. dia., bears N. 32° E., 53 lks. dist., marked T30S R6E S8 BT.
	A pinon, 10 ins. dia., bears S. 29° E., 38 lks. dist., marked T30S R6E S17 BT.
	A pinon, 8 ins. dia., bears S. 73° W., 91 lks. dist., marked T30S R6E S18 BT.

Subdivision of T. 30 S., R. 6 E.

Chains	<p>A pinon, 6 ins. dia., bears N. $76^{\circ}30'$ W., 31 lks. dist., marked T30S R6E S7 BT.</p> <p>Land, rolling, with a general westerly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.</p> <p>Undergrowth, scattering sagebrush.</p> <p>Timber, dense cedar and pinon and scattering yellow pine. Good grazing.</p> <hr/> <p>✓ East, on random line bet. secs. 8 and 17.</p>
40.00	Set temp. $\frac{1}{4}$ Sec. cor.
80.00	Intersect the N. and S. line, 3 lks. N. of the cor. secs. 8, 9, 16 and 17.
	Thence,
	N. $89^{\circ}59'$ W., on true line bet. secs. 8 and 17.
	Over level top of plateau through dense cedar, pinon and yellow pine timber and scattering undergrowth of sagebrush.
4.30	A pinon, 10 ins. dia., which I mark with 2 notches on E. and W. faces for line tree.
5.60	A pinon, 12 ins. dia., which I mark with 2 notches on E. and W. faces for line tree.
17.60	Wash, 20 lks. wide, 5 ft. deep, drains S. 10° W.
40.00	On level top of plateau.
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	<u>S8</u> <u>$\frac{1}{4}$</u> S17
	1921
	From which,
	A yellow pine, 16 ins. dia., bears N. 6° E., 76 lks. dist., marked $\frac{1}{4}$ S8 BT.
	A pinon, 16 ins. dia., bears S. $1^{\circ}30'$ E., 100 lks. dist., marked $\frac{1}{4}$ S17 BT.
80.00	The cor. secs. 7, 8, 17 and 18.

Subdivision of T. 30 S., R. 6 E.

Chains	
	Land, level top of plateau, with a general easterly exposure and drainage.
	Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.
	Undergrowth, scattering sagebrush.
	Timber, dense cedar, pinon and yellow pine.
	Good grazing.
	West, on random line bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
74.57	Intersect the W. bdy. of the township, 16 lks. S. of the cor. secs. 7 and 18.
	Thence,
	S. $89^{\circ}53'$ E., on true line bet. secs. 7 and 18.
	Descend abruptly over broken land through dense cedar and pinon and scattering yellow pine timber and scattering undergrowth of sagebrush.
.20	Gulch, 6 ft. below cor., drains S. 30° W.; ascend abruptly.
11.10	Ridge, 100 ft. above gulch, bears N. and S.; descend gradually.
14.30	Enter bottom of wide, draw, 40 ft. below ridge, bears N. and S.; thence over level bottom of draw.
18.50	Bottom of draw, drains N.
22.60	Leave level bottom of draw, bears N. and S.; ascend gradually.
29.60	Ridge, 45 ft. above draw, bears N. and S.; descend gradually.
32.00	Draw, 35 ft. below ridge, drains N.; ascend gradually.
34.57	On gentle W. slope, 30 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked;
	S7 4 S18
	1921

Subdivision of T. 30 S., R. 6 E.

	Chains	
		From which,
		A pinon, 14 ins. dia., bears N. 44° E., 14 lks. dist., marked $\frac{1}{4}$ S7 BT.
		A pinon, 14 ins. dia., bears S. $33^{\circ}30'$ W., 87 lks. dist., marked $\frac{1}{4}$ S18 BT.
39.20		Spur, 60 ft. above the $\frac{1}{4}$ sec. cor., projects NW.; descend gradually.
46.60		Draw, 100 ft. below spur, drains NW.; ascend gradually.
57.20		Spur, 140 ft. above draw, projects NW.; descend abruptly.
63.40		Gulch, 110 ft. below spur, drains N. 60° W.; ascend gradually.
74.57		The cor. secs. 7, 8, 17 and 18, 150 ft. above gulch. Land, broken, with a general northwesterly exposure and drainage.
		Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.
		Undergrowth, scattering sagebrush.
		Timber, dense cedar and pinon and scattering yellow pine. Good grazing.
		N. $0^{\circ}03'$ W., bet. secs. 7 and 8.
		Over rolling top of plateau through dense cedar and pinon and scattering yellow pine timber and scattering under- growth of sagebrush.
20.00		A yellow pine, 20 ins. dia., which I mark with 2 notches on N. and S. faces for line tree.
20.80		A yellow pine tree, 16 ins. dia., which I mark with 2 notches on N. and S. faces for line tree.
25.50		Descend abruptly from plateau over N. point of spur.
25.60		A pinon, 9 ins. dia., which I mark with 2 notches on N. and S. faces for line tree.
40.00		On steep N. slope, 100 ft. below plateau. Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to bed rock and in a mound of stone, for $\frac{1}{4}$ sec. cor.

Subdivision of T. 30 S., R. 6 E.

Chains

with brass cap marked,

S7 | S8

1921

From which,

A yellow pine, 22 ins. dia., bears N. 75° E.,

27 lks. dist., marked $\frac{1}{4}$ S8 BT.

A cedar, 16 ins. dia., bears N. 42° W., 19 lks.

dist., marked $\frac{1}{4}$ S7 BT.

45.30 Gulch, 45 ft. below the $\frac{1}{4}$ sec. cor., drains N. 20° W.; ascend gradually.

56.00 Point of spur, 30 ft. above gulch, projects W.; descend gradually.

69.30 Gulch, 50 ft. below point of spur, drains N. 12° E.; ascend gradually.

72.50 Limestone spur, 155 ft. above gulch, projects E.; descend gradually.

80.00 On gentle N. slope, 45 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. secs. 5, 6, 7 and 8, with brass cap marked,

T30S R6E cor. 5, 6, 7 and 8
S6 | S5

S7 | S8

1921

From which,

A pinon, 10 ins. dia., bears N. 5° E., 16 lks.
dist., marked T30S R6E S5 BT.

A pinon, 12 ins. dia., bears S. $53^{\circ}30'$ E., 69 lks.
dist., marked T30S R6E. S8 BT.

A pinon, 12 ins. dia., bears S. 19° W., 8 lks.
dist., marked T30S R6E S7 BT.

A pinon, 10 ins. dia., bears N. $10^{\circ}30'$ W., 24 lks.
dist., marked T30S R6E S6 BT.

Land, broken, with a general northerly exposure and drainage.

Soil, shallow, sandy loam, mixed with loose sandstone;
lying on sandstone bed rock.

Subdivision of T. 30 S., R. 6 E.

Chains

Undergrowth, scattering sagebrush.
Timber, dense cedar and pinon and scattering yellow pine.
Good grazing.

- 40.00 S. $89^{\circ}59'$ E., on random line bet. secs. 5 and 8.
Set temp. $\frac{1}{4}$ sec. cor.
- 79.36 Intersect the N. and S. line, 7 lks. S. of the cor. secs. 4, 5, 8 and 9.
Thence,
- S. $89^{\circ}58'$ W., on true line bet. secs. 5 and 8.
Descend abruptly over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
- 4.10 Gulch, 30 ft. below cor., drains N. 50° E.; ascend abruptly.
- 12.00 Ridge, 150 ft. above gulch, bears NE. and SW.; descend gradually.
- 26.40 Wash, 15 lks. wide, 6 ft. deep, drains N. 30° E.
- 30.40 A pinon, 16 ins. dia., which I mark with 2 notches on E. and W. faces for line tree.
- 39.98 On gentle W. slope, 65 ft. below ridge.
Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,

S5
 $\frac{1}{4}$
S8

1921

From which,

A pinon, 10 ins. dia., bears N. 50° E., 18 lks. dist., marked $\frac{1}{4}$ S5 BT.

A pinon, 8 ins. dia., bears S. 5° W., 18 lks. dist., marked $\frac{1}{4}$ S8 BT.

40.50 Gulch, 30 ft. below the $\frac{1}{4}$ sec. cor., drains N.; ascend gradually.

58.00 Ridge, 65 ft. above gulch, bears NW. and SE.; descend abruptly.

75.60 Gulch, 245 ft. below ridge, drains N. 20° W.; ascend abruptly.

Subdivision of T., 30 S., R. 6 E.

Chains	
79.96	The cor. secs. 5, 6, 7 and 8, 65 ft. above gulch. Land, broken, with a general northerly exposure and drainage. Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock. Undergrowth, scattering sagebrush. Timber, dense cedar and pinon. Good grazing.
40.00	N. $89^{\circ}53'$ W., on random line bet. secs. 6 and 7.
73.23	Set temp. $\frac{1}{4}$ sec. cor., Intersect the W. bdy. of the township, 12 lks. N. of the cor. secs. 6 and 7. Thence, S. $89^{\circ}58'$ E., on true line bet. secs. 6 and 7. Descend gradually over broken land through dense cedar and pinon timber and scattering undergrowth of sagebrush.
2.10	Draw, 15 ft. below cor., drains NW.; ascend gradually.
31.00	Ridge, 30 ft. above draw, bears N. and S.; descend abruptly.
33.23	On steep E. slope, 50 ft. below top of ridge. Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked,
	S6 $\frac{1}{4}$ S7
	1921
	From which,
	A pinon, 9 ins. dia., bears N. 20° E., 4 lks. dist., marked $\frac{1}{4}$ S6 BT.
	A pinon, 8 ins. dia., bears S. $83^{\circ}30'$ E., 6 lks. dist., marked $\frac{1}{4}$ S7 BT.
41.10	Open draw, 250 ft. below the $\frac{1}{4}$ sec. cor., drains N. 10° E.; ascend abruptly.
64.50	Ridge, 400 ft. above the draw, bears N. 20° E. and S. 20° W.; descend gradually.
73.23	The cor. secs. 5, 6, 7 and 8, 35 ft. below ridge.

Subdivision of T. 30 S., M. 40 E.

Chains

Land, broken, with a general northerly exposure and dry soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.
Undergrowth, scattering sagebrush.
Timber, dense cedar and pinon.
Good grazing.

N. $0^{\circ}04'$ W., on random line bet. secs. 5 and 6.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

73.32 Intersect the N. bdy. of the township, 3 lks. E. of the cor. secs. 5 and 6.

Thence,

S. $0^{\circ}05'$ E., on true line bet. secs. 5 and 6.

Descend gradually along N. slope of draw through dense cedar and pinon timber and scattering undergrowth of sagebrush.

27.00 Spur, 80 ft. below cor., projects E.; descend abruptly.

29.40 Enter open draw, bears N. 20° E. and S. 20° W.; thence over open bottom of draw.

30.20 Wash in draw, 20 ft. wide, 6 ft. deep, 190 ft. below spur, drains N. 30° E.

33.32 In bottom of draw on E. side of wash.

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked,

+	55
-	55
	1221

from which,

A pinon, 6 ins. dia., bears S. $25^{\circ}30'$ E., 214 lks. dist., marked $\frac{1}{2}$ sec. 57.

A pinon, 10 ins. dia., bears S. $45^{\circ}30'$ W., 256 lks. dist., marked $\frac{1}{2}$ sec. 57.

41.10 Leave open draw, bears N. 20° E. and S. 20° W.; ascend abruptly.

45.42 Spur, 115 ft. above draw, projects E.; descend abruptly.

Latitudes, Departures And Closing Errors of T. 30 S., R. 6 E.

Chains			
72.80	Gulch, 150 ft. below spur, drains NW.; ascend abruptly.		
79.32	The cor. secs. 5, 6, 7 and 8, 90 ft. above gulch.		
	Land, broken, with a general northerly exposure and drainage.		
	Soil, shallow, sandy loam, mixed with loose sandstone; lying on sandstone bed rock.		
	Undergrowth, scattering sagebrush.		
	Timber, dense cedar and pinon.		
	Good grazing.		

Latitudes, Departures, And Closing Errors of T. 30 S., R. 6 E.

Lines Designated.	True bearings.	Distances.	Latitudes.	Departures.
6th St. Par. S. R6E	S.87°59'E. ✓	39.60 ✓	1.39 ✓	39.58 ✓
	S.89°43'E. ✓	39.80 ✓	20 ✓	39.80 ✓
	S.89°34'E. ✓	39.81 ✓	30 ✓	39.81 ✓
	S.89°00'E. ✓	40.48 ✓	71 ✓	40.47 ✓
	S.89°15'E. ✓	39.94 ✓	52 ✓	39.94 ✓
	S.89°26'E. ✓	40.06 ✓	40 ✓	40.06 ✓
	S.89°01'E. ✓	39.88 ✓	68 ✓	39.87 ✓
	S.89°25'E. ✓	39.32 ✓	40 ✓	39.32 ✓
	S.89°51'E. ✓	40.16 ✓	11 ✓	40.16 ✓
	S.89°20'E. ✓	38.93 ✓	45 ✓	38.93 ✓
E. bdy. T30S R6E	N.0°58'E. ✓	159.40 ✓	159.58 ✓	2.69 ✓
	North ✓	243.10 ✓	243.10 ✓	
N. bdy. sec. 12	N.89°50'W. ✓	40.68 ✓	12 ✓	40.68 ✓
S. bdy. W. $\frac{1}{2}$ sec. 1	N.0°05'W. ✓	79.50 ✓	79.50 ✓	12 ✓
J. bdy. T30S R6E	S.89°49'W. ✓	38.12 ✓	12 ✓	38.12 ✓
	West ✓	39.76 ✓		39.76 ✓
	N.89°51'W. ✓	41.12 ✓	11 ✓	41.12 ✓
	West ✓	312.60 ✓		312.60 ✓
N. bdy. T30S R6E	S.1°13'W. ✓	36.98 ✓	36.97 ✓	79 ✓
	S.0°48'W. ✓	40.13 ✓	40.13 ✓	56 ✓
	S.1°03'W. ✓	40.05 ✓	40.04 ✓	73 ✓
	S.0°41'W. ✓	40.00 ✓	40.00 ✓	48 ✓
	S.0°19'W. ✓	39.50 ✓	39.50 ✓	22 ✓
	S.0°41'W. ✓	39.85 ✓	39.85 ✓	48 ✓
	S.0°37'W. ✓	39.55 ✓	39.55 ✓	43 ✓
	S.0°21'W. ✓	40.21 ✓	40.21 ✓	25 ✓
	S.1°33'W. ✓	480.32 ✓	480.28 ✓	2.17 ✓
E. bdy. sec. 31	East ✓	39.91 ✓	39.91 ✓	
S. bdy. sec. 31	S.89°40'E. ✓	40.09 ✓	23 ✓	40.09 ✓
Convergency			>482.21	481.98 480.63 480.22
Error in latitude and departure		0.28		0.41
Total and average of 30 surveys		481.95		480.22

Latitude and departure of survey point 1 sec. 120.22 mid-line
of 100.22 distance of 100.22 feet

General Description of T. 30 S., R. 6 E.

Chains

The land embraced in this township, consist of the S. portion of Miner's Mountain, broken in most places by deep gulches and sandstone ledges. The township in general, has a northeasterly and southeasterly exposure and drainage.

In most places, it is covered with a scattering undergrowth of sagebrush and dense cedar, pinon and yellow pine timber. The yellow pine timber, ranges from one to two feet in dia., and could be made into good lumber.

The only land in the township, suitable for farming purposes, are a few sagebrush openings, located in secs. 29, 33, 34 and 35.

C. D. Hanks, the only settler in the township; has a homestead located in the SW. $\frac{1}{4}$ of the SW. $\frac{1}{4}$ sec. 35. The improvements on this place, consist of a two room cabin, corral, about 80 rods of fence and about 15 acres of cleared land. A small deserted log cabin, located in the NE. $\frac{1}{4}$ of the NE. $\frac{1}{4}$ sec. 33, two frame cabins and eight prospect holes, located in the SE. $\frac{1}{4}$ of the SW. $\frac{1}{4}$ sec. 17, and the improvements on C.D. Hank's ranch, were the only improvements found on the township, located in the portion which I survey.

A ranch, locally known as Cornelius Flats, located in the SW. portion of sec. 31 (previously surveyed) consists of a one room log cabin, about 200 rods fence, and about 20 acres of cultivated land. The crops being raised on this place, are hay, grain and garden vegetables. The place is irrigated by the water from Single Tree Creek, which flows in a southeasterly direction from the N. slope of Boulder Mountain.

The Wayne County Road, enters the township on the N. bdy. of sec. 1, and runs in a southeasterly direction, leaving it on the E. bdy. sec. 12.

A road from Grover, Ut. to Fruita, Ut., enters the township on the W. bdy. sec. 18, and runs in a easterly direction, leaving it on the E. bdy. sec. 12.

General Description of T. 30 S., R. 6 E.

Chains

A road from Grover, Ut to Bowlder, Ut., enters the township on the W. bdy. sec. 18 and leaves it on the S. bdy. sec. 36. The last two roads mentioned, are very seldom traveled on account of them being so rough.

The only permanent stream of water in the township, is Pleasant Creek, which is a stream about 15 lks. wide and 6 ins. deep. This stream flows in a northeasterly direction through the E. half of sec. 36. Water is found along the bottom of Sulphur Creek during most of the year, but during the month of August, this stream dries up entirely. A small spring of good water was found in the SW. $\frac{1}{4}$ of the SW. $\frac{1}{4}$ sec. 35, near C.D. Hank's cabin.

The township in general is used for grazing purposes for stock during both winter and summer months.

Indications of copper, were found in the prospect holes located in sec. 17.

The N. mile of the E. bdy. and the E. $\frac{1}{2}$ mile of the N. bdy. is unsurveyable, on account of high inaccessible sand-stone ledges, which form the Capitol Reef Cliffs.

The magnetic declination was not taken on account of a defective needle.

R. A. M. Pitt

U.S. Surveyor.

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FIELD ASSISTANTS.

NAME	CAPACITY
Kermit John	1st Assistant
Lee Miller	2nd Assistant
Adrian Gherardi	2nd Assistant
Alberto Lanza	Correspondent

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Elliot Bird

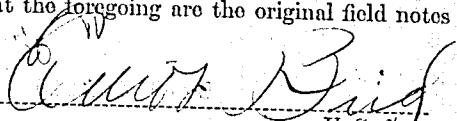
, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah, bearing date of the 7th day of May, 1921 I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Resurvey of the sixth standard parallel South, R. 6 E., East, North and West boundaries, and a portion of the subdivision, and survey of a portion of the subdivision of T. 30 S., R. 6 E.

of the Salt Lake Base.

And Meridian, in the State of Utah, which are represented in and date diagram on dates shown on date diagram the foregoing field notes as having been executed by me and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah.

April 5, 1922.


Elliot Bird
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Jan. 19, 1933

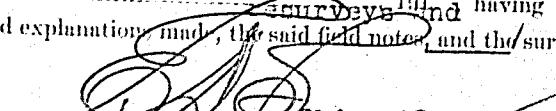
The foregoing field notes of the survey of the sixth standard parallel south, through Range No. 6 East; the east, north, and west boundaries and portion of the subdivision; and the survey of a portion of the subdivision of Township No. 30 South, Range No. 6 East of the Salt Lake Base and Meridian Utah,

executed by Elliot Bird

under his special instructions dated May 7, 1921

Surveyor General

having been critically examined, and the necessary corrections and explanations made, the said field notes and the surveys they describe, are hereby approved.


D. N. Deacon
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in

, has been correctly copied from the original notes on file in this office.

U. S. Surveyor General.

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BOOK A-459

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APR 6 1922

FIELD NOTES

OF THE SURVEYOR GENERAL

RESURVEY AND SURVEY OF THE EAST BOUNDARY:ESTABLISHMENT OF $\frac{1}{4}$ SECTION CORNERS ON THENORTH BOUNDARY AND SURVEY OF THE WESTBOUNDARY AND SUBDIVISION OFT. 20 S., R. 6 E.Of the SALT LAKE BASE AND Meridian,the State of UTAH

EXECUTED BY

HOWARD W. MILLER, U. S. CADASTRAL ENGINEERANDWALTER H. GOOD, U. S. TRANSITMAN

1921

under instructions dated FEBRUARY 25, 1921ed by the United States Surveyor General to govern surveys included inup No. 114, which were approved by the Commissioner of the General Landce, March 25, 1921 AND ASSIGNMENT INSTRUCTIONS DATEDne 23, 1921 AND SUPPLEMENTAL ASSIGNMENT INSTRUCTIONS DATED July 4,

Survey commenced JULY 3 1921

Survey completed September 8 1921

B.S. H.F.B.
F.B.J.
F.B.J.

H.R.M.A. H.F.B.

BOOK A-459

INDEX DIAGRAM.

Township 20. South			Range 6. East		
108	107	107	106	105	105
22	6	102	5	83	4
				70	3
				56	2
				38	1
		101		100	13
				82	
				69	54
					37
20	7	99	8	81	9
				67	10
				52	11
		98		97	12
				80	11
				66	5
19	18	95	17	79	16
				65	15
				49	14
				32	13
		94		93	10
				78	7
				64	
				48	30
18	19	92	20	76	21
				62	22
				47	23
				29	24
		91		90	9
				75	7
				61	
				45	28
17	30	88	29	74	28
				60	27
				44	26
		88		74	26
				59	25
				42	5
15	31	85	32	72	33
				58	34
				40	35
				23	36

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4-679 b

INDEX DIAGRAM.

Township 205, Range 6E

	406	405	405	404	403	403
320	6 406 5 381 4 368 8 357 2 336 1 311					
319	377 398 380 367 352 335					
318	7 397 8 379 9 365 10 350 11 333 12 303 309					
317	396 395 378 364 349 331					
316	18 393 17 377 16 363 15 347 14 330 13 308					
315	392 391 376 362 346 329					
314	19 390 20 374 21 360 22 345 23 327 24 307					
313	389 388 373 360 343 326					
312	386 385 372 357 340 323					
311	384 384 370 356 338 321 303					

6-4517

T.20 S., R.6 E.

DATE DIAGRAM

	9-8-21	9-8-21	9-3-21	9-2-21	9-2-21	9-1-21	
8-20-21	6 8-17-21	5 8-6-21	4 8-5-21	3 8-1-21	2 9-1-21	1 8-1-21	9-3-21 8-24-21
8-17-21	7 8-16-21	8 8-8-21	9 8-18-21	10 8-25-21	11 7-28-21	12 7-28-21	9-3-21 8-24-21
8-16-21	18 8-17-21	17 8-18-21	16 8-12-21	15 8-31-21	14 8-31-21	13 8-29-21	8-29-21
8-15-21	19 8-15-21	20 8-17-21	21 8-17-21	22 8-11-21	23 8-31-21	24 7-29-21	7-29-21
8-14-21	30 8-17-21	29 8-15-21	28 8-10-21	27 8-11-21	26 8-9-21	25 8-29-21	7-22-21
8-13-21	31 8-10-21	32 8-10-21	33 8-10-21	34 8-3-21	35 8-26-21	36 7-9-21	7-20-21
							7-7-21 7-21-21

All lines dated and colored with black ink were surveyed

by Howard W. Miller, U. S. Cadastral Engineer.

All lines dated and colored with red and black ink were

surveyed jointly by Howard W. Miller, U. S. Cadastral

Engineer and Walter H. Good, U. S. Transitman.

Test of Instruments.

Survey commenced July 3, 1921 and executed with Buff and Buff transit No. 8964, 1913 model, with A-shaped standards; and Young and Sons mountain transit No. 8513; the instruments are equipped with Smith solar attachments and full vertical circles; unless otherwise specified all azimuth determinations are accomplished with the solar attachment except the special observations upon Polaris and the sun for meridian upon which to test the solar apparatus as stated in these notes.

July 3, 1921, at my camp which is situated about 3 chs. NW. of the cor. of secs. 1, 2, 11 and 12, T. 20 S., R. 6 E., in latitude $39^{\circ}06'N.$ as determined by the mean of altitude observations on the sun on this date and hereinafter described, and longitude $111^{\circ}15'W.$, I examine the adjustments of the Buff and Buff transit and correct all errors, then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a true meridian established by observations upon Polaris, I proceed as follows:

At 8h. a.m. apparent time, I set off $39^{\circ}06'$ on the lat. arc; $22^{\circ}59'N.$, on the declination arc; and determine a meridian with the solar and note that a rock about $\frac{3}{4}$ mile distant bears North.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is $22^{\circ}58'N.$, which agrees with the computed declination of the sun.

At the same station I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and transit of the sun's east limb;

Mean observed altitude = $73^{\circ}52'03''$

Test of Instruments.

Reduced latitude = $39^{\circ}06'16''$

Mean watch time of observation = 12h.27m.28s.p.m.

Watch fast of local mean time = 23m. 34s.

At 4h. p.m. apparent time, with the lat. arc unchanged, I set off $22^{\circ}58'N.$, on the decl. arc; and determine a meridian with solar and find that the rock bears North.

At the same station at 7h. 33m.14s.p.m.l.m.t., I make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions; reading the horizontal deflection angle from the rock already noted in my solar observations of this date in the direction of N-E to Polaris.

Watch time of observation = 7h.56m.48s.p.m.

Mean horizontal angle from Polaris to rock = $0^{\circ}18'W.$

Azimuth of Polaris = $0^{\circ}18'E.$

Rock bears North.

As all of the solar observations during the usual hours of solar work come within $1'30''$ of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

TEST OF YOUNG AND SONS TRANSIT No.8513.

July 16, 1921, at the station in camp, I examine the adjustments of Young and Sons transit No. 8513 and correct all errors. I then test the solar apparatus by comparing its indications with the true meridian as established by Polaris' observations July 3, 1921, heretofore described.

July 17, 1921; at 9h. a.m. apparent time, I set off $39^{\circ}06'$ on the lat. arc; $21^{\circ}14'N.$, on the declination arc; and determine a meridian with the solar which I find to agree with the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is $21^{\circ}12\frac{1}{2}'N.$, which agrees with the

Test of Instruments.

computed declination of the sun.

At 4h. p.m. apparent time, I set off $39^{\circ}06'$ on the lat. arc; $21^{\circ} 11'N.$, on the decl. arc; and determine a meridian with the solar and find that the rock bears $N.0^{\circ}01'W.$.

As all of the solar observations during the usual hours of solar work come within $1' 30''$ of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

This instrument was kept in good adjustment during the period of July 16-24, 1921, the time in which it was used on this survey.

September 8, 1921, at the completion of this survey I again test the solar apparatus of Buff and Buff transit No.8964 by comparing its indications with the true meridian established by Polaris observations July 3, 1921, as follows:

At 8h. a.m. apparent time, I set off $39^{\circ}06'$ on the lat. arc; $5^{\circ} 46'N.$, on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is $5^{\circ} 42'N.$, which agrees with the computed decl. of the sun.

At 4h. p.m. apparent time, with the lat. arc unchanged, I set off $5^{\circ} 39'N.$, on the decl. arc; and determine a meridian with the solar which I find to agree with the true meridian.

As all of the solar observations during the usual hours of solar work come within $1' 30''$ of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

The instrument was also kept in good adjustment during the progress of the survey, frequent tests being made on the above meridian.

Resurvey of the East Boundary of T.20 S., R.6 E.

chains

MEASUREMENTS

Unless otherwise specified all measurements are made with a Lallie steel ribbon tape 5 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined by use of the clinometer, and the slope measurements properly reduced to true horizontal distances.

Resurvey of the East Boundary of T.20 S., R.6 E.

From the standard cor. of Tps. 20 and 21 S., Rs. 6 and 7 E., which is an iron post, 3 ins. diam., extending 10 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general.

North, on a retracement line bet. secs. 31 and 36.

40.00 No trace of the $\frac{1}{4}$ sec. cor. can be found.

80.00 No trace of the old cor. of secs. 25, 30, 31 and 36 can be found.

From the cor. of secs. 7, 12, 13 and 18 on the W. bdy. of T.20 S., R.7 E., hereinafter described.

North, on a retracement line bet. secs. 7 and 12.

40.00 No trace of the $\frac{1}{4}$ sec. cor. can be found.

80.16 Fall 19 lks. E. of the cor. of secs. 1, 6, 7 and 12 which is a sandstone, 22 x 12 x 3 ins., loosely set in a small mound of stone, marked dimly with 5 notches on S. and 1 notch on N. edge. No accessories to cor.

The bearing of this mile is N.0°08'W., and the proportionate distance for each half mile is 40.08 chs.

From the standard cor. of Tps. 20 and 21 S., Rs. 6 and 7 E.,

North, on resurvey line bet. secs. 31 and 36.

Resurvey of the East Boundary of T.20 S., R.6 E.

chains	Over rough mountainous land through scattering scrub cedar and pinon timber and undergrowth of shadscale.
2.50	Ascend abruptly blue clay slope.
5.00	Spur, 50 ft. above cor., projects S.80°E.; descend.
8.80	Small draw, heads about 5 chs. W. and drains E., 50 ft. below spur; ascend 35 ft. to
16.45	Spur, projects E.; descend abruptly.
24.30	Canyon and wash, 30 lks. wide, 3 ft. deep, 90 ft. below spur, drains E.; ascend abruptly.
32.50	Top of abrupt slope and brink of bench, 175 ft. above canyon, bears E. and W.; enter dense timber, bears with
39.40	Gulch, about 50 ft. deep, drains E.; leave dense timber, bears E. and W.; ascend abrupt, rocky S. slope.
40.00	High ridge, 135 ft. above gulch, bears N.80°W. and S.80° E.; descend abruptly.
40.00	On steep N. slope.
	Proportionate measurement.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{2}$
	S36 | S31
	1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Continue steep descent.
50.00	Enter scrub cedar and pinon timber, bears E. and W.
71.00	Rocky draw, 37.5 ft. below $\frac{1}{4}$ sec. cor., drains N.60°E.; ascend.
76.50	Point of clay spur, 50 ft. above draw, projects E.; descend over broken ground.
80.00	Proportionate measurement;
	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 25,30,31 and 36, with brass cap marked

T20S	
R6E	R7E
S25	S30
S36	S31
1921	

Resurvey and Survey of the East Boundary of T.20 S., R.6 E.

chains	<p>from which</p> <p>A pinon; 3 ins. diam., bears N.$36\frac{3}{4}$^oE., 18 lks. dist., marked B T</p> <p>No tree available in sec. 31</p> <p>A pinon, 8 ins. diam., bears S.$61\frac{1}{4}$^oW., 52 lks. dist., marked T 20 S. R. 6. E S 36 B T</p> <p>A pinon, 8 ins. diam., bears N.$73\frac{1}{4}$^oW., 94 lks. dist., marked T 20 S. R. 6. E S 25 B T</p> <p>Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, rough, broken talus slope of mountain; general E. exposure and drainage.</p> <p>Soil, blue clay and rocky sandstone formation; sub- soil, hard, dry clay and rock.</p> <p>Timber, scrub cedar and pinon.</p> <p>Undergrowth, shadscale. Poor grazing.</p> <hr/> <p>Resurvey and Survey of the East Boundary of T.20 S., R.6 E.</p> <p>From the cor. of secs. 25, 30, 31 and 36.</p> <p>North, on a random line along E. bdy. of T.20 S., R.6 E., setting temp. $\frac{1}{2}$ sec. and sec. cors. at intervals of 40.00 chs., and, at 251.56 chs. fall 5.68 chs. E. of the cor. of secs. 7, 12, 13 and 18 hereinafter described. The bearing of this line is N.$1^{\circ}18'W.$, I now return to the cor. of secs. 25, 30, 31 and 36 and survey this boundary line, setting cors. at northings of 40 and 80 chs. and also establish a set of cors. for R.7 E. as hereinafter noted.</p> <p>Thence, from the cor. of secs. 25, 30, 31 and 36. N.$1^{\circ}18'W.$, on true line along E. bdy. of sec. 25. Over rough, broken bench land through scrub cedar and pinon timber and undergrowth of sagebrush.</p> <p>Blue clay ridge, 100 ft. above sec. cor., bears E. and W.; descend gradually over broken N. slope.</p> <p>Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor. E. bdy. sec. 25, T. 20 S., R.6 E., with brass cap marked</p>
27.15	
40.01	

Resurvey and Survey of the East Boundary of T.20 S., R.6

chains		$\frac{1}{4}$ S25	
		1921	
	from which		
	A scrub cedar, 4 ins. diam., bears S. $19\frac{1}{2}^{\circ}$ W., 31 lks. dist., marked B T.		
	No other suitable trees available.		
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.		
44.21	Point midway bet. the cor. of secs. 25, 30, 31 and 36 and where line bet. secs. 19 and 30, T.20 S., R.7 E. intersects this boundary.		
	Set a limestone, 18 x 10 x 6 ins., 12 ins. in the ground, marked $\frac{1}{4}$ on E. face for $\frac{1}{4}$ sec. cor. W. bdy. sec 30, T.20 S., R.7 E.; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.		
	No suitable bearing trees are available.		
	Iron post not available.		
49.85	Blue clay spur, projects NW.; descend abruptly.		
53.40	Gulch, 60 ft. below spur, drains NE.; ascend.		
55.65	Spur, projects NE.; thence over broken ground sloping N.		
75.00	Wash, in gulch, 20 lks. wide, 2 ft. deep, drains N. 10° E.; thence in gulch:		
79.00	Point for cor. of secs. 24 and 25, E. bdy. of T.20 S., R.6 E. will fall in wash in gulch, therefore at this point,		
	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for witness cor. to the cor. of secs. 24 and 25, with brass cap marked		
	WC T20S S24 S25 R6E	T20S T20S S30 R7E R6E	
	1921		
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.		
	No suitable bearing trees available.		
80.02	Point for cor. of secs. 24 and 25, T.20 S., R.6 E. falls in wash, 20 lks. wide, 3 ft. deep, drains N. 20° W.		
	No cor. set.		

Resurvey and Survey of the East Boundary of T.20 S., R.6 E.

chains	Land, rough, broken bench; general E. exposure and drainage.
	Soil, blue and brown clay and sandstone rock; subsoil, rocky.
	Timber, scrub cedar and pinon.
	Undergrowth, sagebrush. Poor grazing land.
	N.1°16'W., on true line along E. bdy. sec. 24.
	Over rough, broken bench land through scattering scrub cedar and pinon timber and undergrowth of shadscale.
	Descend along E. side of bottom of gulch.
3.50	Low ledge point, projects W. about 1 ch. distant.; descend.
5.50	Bottom of gulch and wash, 30 lks. wide, 10 ft. deep, drains E.; ascend abruptly.
8.42	Point for cor. of secs. 19 and 30, W. bdy. T.20 S., R.7 E. in small gap in ledge on spur, 75 ft. above gulch, projects NE.; descend abruptly.
10.50	Gulch, 75 ft. deep, drains E.; ascend abruptly.
12.50	Ledge, 30 ft. high and enter bench, bears E. and W.
24.00	Ledge, 30 ft. high and brink of gulch, bears E. and W.; descend abruptly.
25.50	Gulch, 50 ft. deep, drains E.; ascend.
27.30	Ledge, 30 ft. high and N. rim of gulch, bears E. and W.; ascend broken S. slope.
38.85	Top of ascent on bench, bears E. and W.; gradually desc.
40.01	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{2}$ sec. cor. E. bdy. sec. 24, T.20 S., R.6 E., with brass cap marked
	1S24
	1921
	Deposit a sandstone 20 x 6 x 6 ins. marked (x) on top face alongside iron post.
43.75	Brink of bench and leave timber, bears E. and N.60°W.; descend abruptly over ledges.
49.28	Point midway bet. the cor. of secs. 18 and 19 and the cor. of secs. 19 and 30, T.20 S., R.6 E.

Resurvey and Survey of the East Boundary of T.20 S., R.6 E.

chains	Set a sandstone, 30 x 10 x 6 ins., 20 ins. in the ground, marked $\frac{1}{4}$ on E. face for $\frac{1}{4}$ sec. cor. W. bdy. sec. 19, T.20 S., R.7 E.; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Iron post not available. Cor. stands at base of sandstone ledges, 75 ft. high, bears E. and W.; continue steep descent.
53.80	Bottom of gulch and wash, 25 lks. wide, 5 ft. deep, 125 ft. below brink of bench, drains E.; ascend abruptly.
62.00	Top of ledge, 35 ft. high and rim of bench, 200 ft. above gulch, bears NE. and SW.; enter scrub cedar and pinon timber, bears with bench. Thence over broken ground.
80.02	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 13 and 24, E. bdy. T.20 S., R.6 E., with brass cap marked
	T20S S13 | T20S S18 S24 | R7E R6E
	1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, rough, broken benches; E. exposure and drainage. Soil, brown and blue clay and rock of sandstone and limestone formation; subsoil, dry clay and sandstone bedrock. Timber, scrub cedar and pinon. Undergrowth, shadscale. Poor grazing.
	N. $1^{\circ}18'W.$, on true line along E. bdy. sec. 13. Over rough, broken bench land through scattering scrub cedar and pinon timber and undergrowth of shadscale.
10.14	Point for cor. of secs. 18 and 19 and intersection with line bet. secs. 18 and 19, T.20 S., R.7 E.
33.90	Draw, 60 ft. below sec. cor., drains NE.
40.01	Point for $\frac{1}{4}$ sec. cor. E. bdy. sec. 13, T.20 S., R.6 E. falls on sandstone bedrock; mark (X) for exact cor. point, and, over same, Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in

Resurvey and Survey of the East Boundary of T.20 S., R.6 E.

chains	a large mound of stone for $\frac{1}{4}$ sec. cor. E. bdy. sec. 13, T.20 S., R.6 E., with brass cap marked
	$\frac{1}{4}$ S13 1921
49.00	Rocky draw, 35 ft. deep, drains NE.
50.86	Point midway bet. the cor. of secs. 7 and 18 and the cor. of secs. 18 and 19, W. bdy. T.20 S., R.7 E.; Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. W. bdy. sec. 18, with brass cap marked
	$\frac{1}{4}$ S18 1921
60.10	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Shallow draw, 35 ft. deep, drains E.
69.30	Leave scattering scrub timber, bears NE. and SW.
70.30	Wood road, bears NE. and SW.
80.02	Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 12 and 13, E. bdy. T.20 S., R.6 E., with brass cap marked
	T20S S12 T20S S18 S13 R7E R6E 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, broken bench; E. exposure and drainage. Soil, shallow brown and blue clay and sandstone rock; subsoil, sand and sandstone bedrock. Timber, scattering scrub cedar and pinon on S. 69.30 chs. Undergrowth, shadscale. Poor grazing land.
	N. $1^{\circ}18'W.$, on true line along E. bdy. sec. 12. Over broken bench land sloping N., through undergrowth of sagebrush and shadscale.
11.56	Intersect the cor. of secs. 7, 12, 13 and 18, which is a sandstone, 18 x 16 x 4 ins., firmly set in a mound of

Resurvey and Survey of the East Boundary of T.20 S., R.6 E.

chains

stone, marked with 4 notches on S. and 2 notches on N. edge. No accessories to cor. This cor. now refers to secs. 7 and 18, T.20 S., R.7 E., and I remonument it as follows:
 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone with old cor. standing alongside iron post, for cor. of secs. 7, and 18, W. bdy. T.20 S., R.7 E., with brass cap marked

T20S	T20S
S7	
S12	
R6E	S18
	R7E

1921

Thence

N. 0°08'W., with continuous measurement. (Resurvey Line)

16.20 Shallow draw, drains NW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. E. bdy. sec. 12, T.20 S., R.6 E., with brass cap marked

1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

46.15 Low spur, projects W.; begin descent N. slope into Ferron Canyon.

51.64 Proportionate measurement.

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. W. bdy. sec. 7, T.20 S., R.7 E. with brass cap marked

1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

66.00 Enter rolling bottom of Ferron Canyon, bears E. and W.

66.63 Ferron Canyon road, bears E. and W.

74.25 S. bank of Ferron Creek Wash, 10 ft. high, bears E. and W.

77.10 Ferron Creek, 50 lks. wide, 2 to 4 ft. deep, muddy water, course E.

Resurvey and Survey of the East Boundary of T.20 S., R.6 E.

- chains
80.00 Point for cor. of secs. 1 and 12, E. bdy. T.20 S., R.6 E. falls in Ferron Creek Wash where cor. would be washed away. Witness cor. established 1.99 chs. N.0°08'W., for description of same see E. bdy. sec. 1.
Land, broken bench lands and rolling canyon bottom; general E. exposure and drainage.
Soil, brown and blue clay and rock of sandstone formation; subsoil, dry, sandy clay and rock.
Timber, a few scattering scrub cedar and pinon.
Undergrowth, shadscale on benches and greasewood in canyon.
Fair grazing land.
-
- From the cor. of secs. 1, 6, 7 and 12 heretofore described. North, on a random line along E. bdy. sec. 1.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
84.32 Intersect N. bdy. of the tp. 49 lks. W. of the cor. of Tps. 19 and 20 S., Rs. 6 and 7 E. hereinafter described. The bearing of this line is N.0°20'E. and the distance is 84.32 chs. for the W. bdy. sec. 6, T.20 S., R.7 E. and 96.04 chs. for the E.bdy. sec.1, T.20 S., R.6 E.
Thence from true point for cor. of secs. 1 and 12, E. bdy. T.20 S., R.6 E. N.0°08'W., along E. bdy. sec. 1.
Over rolling land in bottom of Ferron Canyon.
- 1.15 N. bank of Ferron Creek wash, 5 ft. high, bears E. and W.
1.99 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for witness cor. to the cor. of secs. 1 and 12, T.20 S., R.6 E., with brass cap marked
- | | | |
|------|--|------|
| T20S | | T20S |
| S1 | | S7 |
| — | | |
| S12 | | R7E |
| — | | |
| R6E | | |
| WC | | |
| 1921 | | |
- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
11.72 The cor. of secs. 1, 6, 7 and 12 heretofore described. This cor. now refers to secs. 6 and 7, T.20 S., R.7 E. only, and I remonument cor. as follows:

Resurvey and Survey of the East Boundary of T.20 S., R.6

chains	<p>Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground alongside old cor. marked for the cor. of secs. 6 and 7, T.20 S., R.7 E. as follows:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>T20S</td></tr> <tr><td>S6</td></tr> <tr><td>S1</td></tr> <tr><td>R6E</td></tr> <tr><td>S7</td></tr> <tr><td>R7E</td></tr> </table> <p style="text-align: center;">1921</p>	T20S	S6	S1	R6E	S7	R7E
T20S							
S6							
S1							
R6E							
S7							
R7E							
	<p>Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Thence N. $0^{\circ}20'$ E., with continuous measurement.</p>						
13.00	Wash, 30 lks. wide, 10 ft. deep, drains SE.						
13.60	Canal, 15 lks. wide, course SE.; leave canyon bottom, enter rough, broken clay hills, bears SE. and W.						
16.60	Old road, bears E. and W.; ascend steep S. slope.						
20.70	Spur, 100 ft. above sec. cor., projects E.; thence over broken E. slope.						
26.10	Enter scattering scrub pinon and cedar timber, bears E. and W.						
31.10	Gulch, drains SE.; ascend abruptly S. slope.						
34.30	Spur, 35 ft. above gulch, projects SE.; wood road on spur, bears NW. and SE.; gradually ascend over broken ground sloping S.						
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{2}$ sec. cor. E. bdy. sec. 1, T.20 S., R.6 E. with brass cap marked.						
	$\frac{1}{2}$ S1						
	1921						
51.72	<p>Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{2}$ sec. cor. W. bdy. sec. 6, T.20 S., R.7 E. with brass cap marked</p>						
	$\frac{1}{2}$ S6						
	1921						
	<p>Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.</p>						
82.20	Low ridge, bears NW. and SE.; descend NE. slope.						

Resurvey and Survey of the

West Boundary of T.20 S., R.6 E.

chains	
89.70	Begin steep descent N. slope.
94.90	Small gulch, drains E.; ascend.
96.04	The cor. of Tps. 19 and 20 S., Rs. 6 and 7 E. which is an iron post, 3 ins. dia., extending 18 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general.
	Land, S.13.60 chs. rolling canyon bottom; remainder of mile rough, broken clay hills; general SE. exposure and drainage.
	Soil, brown and blue sandy clay and rocky of sandstone formation; subsoil, dry clay and rock.
	Timber, a few scattering scrub pinon and cedar on northern portion of mile.
	Undergrowth, shadscale on hills, greasewood in canyon bottom. Poor grazing land.

WEST BOUNDARY OF T.20 S., R.6 E.

From the standard corner of Townships 20 and 21 S., R. 6 E., hereinafter described.

North, on a random line along W. bdy. of T.20 S., R.6 E. setting temp. $\frac{1}{2}$ sec. and sec. cors. at intervals of 40. chs., and, at 495.59 chs. intersect E. and W. line 1.90 chs. east of the cor. of Tps. 19 and 20 S., Rs. 5 and 6 E. hereinafter described. This falling is within limits but approaches the limit of 14' within only a few links, I therefore consider it advisable for the protection of the subdivision of T.20 S., R.5 E. to establish the random as true line, I therefore return to the standard closing cor. of Tps. 20 and 21 S., R. 6 E., which is an

Iron post, 3 ins. dia., extending 12 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general.

Thence

North, on true line along W. bdy. sec. 31.

West Boundary of T.20 S., R.6 E.

chains	Over rough mountainous land through pinon and cedar timber and undergrowth of sagebrush. Ascend abruptly S. slope.
4.50	Thence along E. slope.
11.50	Ridge, 230 ft. above cor., bears NE. and SW.; leave dense timber, bears with ridge. Descend NW. slope.
35.30	Large draw, 350 ft. below ridge, drains SW.; this draw falls over high ledge on break of Muddy Canyon about 3 chs. SW.; ascend SE. slope 105 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. W. bdy. sec. 31, with brass cap marked
	$\frac{1}{4}S31$
	1921
	from which
	A cedar, 6 ins. diam., bears N.30°E., 19 lks. dist., marked $\frac{1}{4}$ S 31 B T
	A cedar, 12 ins. diam., bears S.56°E., 37 lks. dist., marked $\frac{1}{4}$ S 31 B T
	Ascend general S. slope on top of wide, flat spur, projecting S.
80.00	On E. slope of top of spur, 550 ft. above $\frac{1}{4}$ sec. cor. Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 30 and 31, T.20 S., R.6 E., with brass cap marked
	T20S R6E S30 S25 S31
	1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Land, rough mountainous; general S. exposure and drainage
	Soil, brown mountain loam and rocky of sandstone formation; subsoil, moist brown loam and rock.
	Timber, pinon, cedar and scattering red pine.
	Undergrowth, sagebrush and a few scattering scrub mahog-
	any. Good grazing land.

West Boundary of T.20 S., R.6 E.

chains

- North, along W. bdy. sec. 30.
- Over mountainous land through very scattering pinon, cedar and pine timber and undergrowth of sagebrush. Ascend along top and eastern slope of ridge spur.
- 21.00 Cross top of spur, projects S.10°W.; descend.
- 25.00 Head of draw, drains SW.; ascend general SW. slope subject to land slides.
- 40.00 On general W. slope 300 ft. above sec. cor.
- Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. bdy. Sec. 30 marked
 $\frac{1}{4}S30$
- 1921
- from which
- A jack pine, 12 ins. diam., bears N.4 $\frac{1}{2}$ °E., 134 lks.
 dist., marked $\frac{1}{4}S\ 30\ B\ T$
- A jack pine, 12 ins. diam., bears S.85 $\frac{3}{4}$ °E., 38 lks.
 dist., marked $\frac{1}{4}S\ 30\ B\ T$
- Continue ascent SW. slope.
- 53.30 Top of broken SW. slope and enter dense pine and aspen timber, 155 ft. above $\frac{1}{4}$ sec. cor., bears N.60°W. and S.60°E.
- 75.70 Enter small opening, bears NE. and SW.
- 80.00 In N. edge of small opening in timber and on SE. slope. Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground on solid rock and 10 ins. in amount of stone for cor. of secs. 19 and 30, with brass cap marked
- | | |
|------|-----|
| T20S | |
| R5E | R6E |
| S24 | S19 |
| S30 | |
- 1921
- from which
- A jack pine, 20 ins. diam., bears N.39 $\frac{3}{4}$ °E., 98 lks.
 dist., marked T. 20 S. R 6 E S 19 B T
- An aspen, 8 ins. diam., bears S.54 $\frac{1}{2}$ °E., 187 lks.
 dist., marked T. 20 S. R 6 E S 30. B T
- Land, mountainous; general S. exposure and drainage.
- Soil, brown clay loam and rocky of sandstone and lime-

West Boundary of T.20 S., R.6 E.

chains

- stone formation; subsoil, moist clay and rock.
 Timber, pine, aspen and scattering cedar and pinon, very scattering in southern portion and dense in northern portion of mile.
 Undergrowth, sage and deer brush. Good grazing land.
-
- North, along W. bdy. sec. 19.
 Over mountainous land through undergrowth of sagebrush.
 Ascend SE. and S. slopes.
- .60 Enter dense pine and aspen timber, bears SE. and SW.
- 9.15 Leave timber and enter large sagebrush opening, bears NE. and SW.; thence over rolling mountain top near summit of Flagstaff Mountain.
- 28.00 Top of high ridge on east end of Flagstaff Mountain, 135 ft. above sec. cor., bears NW. and SE.; New wagon road, from Emery, Ut. to sawmill, bears NW. and SE.; enter dense pine and aspen timber, bears NE. and W.; descend along east slope.
- 32.80 From this point, two small ponds, bear S.56°E. about 5 chs. distant.
- 40.00 On E. slope, near bottom of small draw, 85 ft. below ridge.
 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor. W. bdy. sec. 19, with brass cap marked
- $\frac{1}{2}$ S19
- 1921
- from which
- An aspen, 10 ins. diam., bears N.34 $\frac{1}{2}$ °E., 130 lks. dist., marked $\frac{1}{2}$ S 19 B T
- An aspen, 10 ins. diam., bears S.74°E., 123 lks. dist., marked $\frac{1}{2}$ S 19 B T
- Continue along general broken E. slope of mountain, through dense aspen timber.
- 79.40 Enter small opening, bears E. and W.
- 80.00 In small opening, 70 ft. below $\frac{1}{2}$ sec. cor.

West Boundary of T.20 S., R.6 E.

chains

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in
the ground for cor. of secs. 18 and 19, with brass cap
marked

T20S	R6E
R5E	S18
S13	S19

1921

from which

An aspen, 8 ins. diam., bears N. $50\frac{1}{2}$ ^oE., 86 lks.

dist., marked T 20 S R 6 E S 18 B T

An aspen, 6 ins. diam., bears S. $52\frac{1}{2}$ ^oE., 106 lks.

dist., marked T 20 S R 6 E S 19 B T

Land, mountainous; general NE. and S. exposure and drainage from divide at 32.80 chs.

Soil, rich, brown mountain loam and rocky of sandstone formation; subsoil, moist clay loam and rock.

Timber, dense aspen and scattering red and jack pine.

Undergrowth, sagebrush. Good grazing land.

North, along W. bdy. of sec. 18.

Over mountainous land through undergrowth of sagebrush.

Descend general NE. slope of mountain.

.70 Leave small opening and enter dense aspen and scattering pine timber, bears E. and W.

14.00 Begin descent over series of small benches, bears NW. and SE.

40.00 On small bench, 350 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for sec. cor., W. bdy. Sec. 18, marked

S18

1921

from which

An aspen, 10 ins. diam., bears N. 72° E., 20 lks.

dist., marked $\frac{1}{4}$ S 18 B T

An aspen, 8 ins. diam., bears S. 33° E., 34 lks.

dist., marked $\frac{1}{4}$ S 18 B T

West Boundary of T. 20 S., R. 6 E.

chains	
65.00	Leave dense, enter scattering timber, bears E. and W.
76.00	Enter dense aspen timber, bears N.15°E. and SW.
80.00	On NE. slope, 335 ft. below $\frac{1}{2}$ sec. cor. Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for cor. of secs. 7 and 18, T.20 S.,R.6 E., with brass cap marked
	T20S R6E R5E S7 S12 S18 1921 from which
	An aspen., 4 ins.diam.,bears N.32 $\frac{1}{2}$ °E., 18 lks. dist.,marked T.20 S R 6 E S 7 B T
	An aspen, 5 ins.diam.,bears S.18 $\frac{1}{2}$ °E., 82 lks. dist.,marked T. 20 S R 6 E S 18 B T
	Land, mountainous; NE. exposure and drainage. Soil, rich, brown mountain loam streaked with rock of sandstone and limestone formation; subsoil, moist loam and rocky.
	Timber, dense aspen and scattering red pine. Undergrowth; sagebrush and scattering clusters of willow. Good grazing land.
	North, along W. bdy. of sec. 7. Descend NE. slope over mountainous land through dense aspen and scattering pine timber, and undergrowth of sagebrush.
3.60	Leave dense timber, bears NE. and SW.
11.80	Draw, small stream of good water in same, drains E.; leave timber, bears E. and W.
21.20	Enter swamp, bears E. and W.
25.90	Outlet of swamp, bears E. about 4 chs. distant.
30.00	Leave swamp, bears E. and W..
31.75	Low spur, projects SE.; descend N. slope.
40.00	On N. slope, 175 ft. below spur.

West Boundary of T.20 S., R.6 E.

chains

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., W.bdy Secs. 7, 8 marked

 $\frac{1}{4}$ S7

1921

from which

A pine, 24 ins. diam., bears N. $20\frac{1}{2}$ ^oE., 44 lks.dist., marked $\frac{1}{4}$ S 7 B TAn aspen, 5 ins. diam., bears S. 64° E., 81 lks.dist., marked $\frac{1}{4}$ S 7 B T

Cor. stands in edge of dense timber, bears E. and W.

50.30 Leave timber, bears NE. and W.

54.00 Enter small aspen thicket, bears E. and W.

54.75 Leave thicket, bears E. and W.

56.45 Old road, bears E. and W.

59.10 Draw, 135 ft. below $\frac{1}{4}$ sec. cor., drains E.; ascend.

64.90 Spur, 60 ft. above draw, projects E.; descend.

77.85 Wash, 50 lks. wide, 30 ft. deep, in wide draw, drains NE.
thence along W. side of wash.80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in
the ground for cor. of secs. 6 and 7, T.20 S., R.6 E.
with brass cap marked

T20S

R6E
S6
S1
S7

1921

from which

A lone pine, 10 ins. diam., bears N. 35° E., 147 lks.

dist., marked T 20 S R 6 E S 6 B T

No other trees available.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

Land, mountainous; general E. exposure and drainage.

Soil, rich, brown, mountain loam streaked with rock of
sandstone formation; subsoil, moist clay loam and rock.Timber, dense aspen and scattering pine on southern
portion of mile.

Undergrowth, sagebrush. Good grazing land.

West Boundary of T. 20 S., R. 6 E.

chains

	North, along W. bdy. of sec. 6.
	Over mountainous land through medium growth of sagebrush
	Descend along deep, narrow wash, crossing and recrossing same. A few pinon, cedar and aspen trees along wash.
40.00	On E. side of wash in dense sagebrush, 200 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor. W. bdy. sec. 6, with brass cap marked $\frac{1}{2}S6$
	1921
	from which
	A pine, 10 ins. diam., bears S. 57° E., 308 lks. dist., marked $\frac{1}{4} S 6 B T$
	No other trees available.
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.
43.20	Wash, 75 lks. wide, 20 ft. deep, stream 2 links wide in same, course NE.
54.10	Stream of good water, 2 lks. wide, 1 in deep, in wash 50 lks. wide, 3 ft. deep, course E.; ascend S. slope.
80.50	Spur, 100 ft. above wash, projects E.; gradually descend N. slope 140 ft. to
95.59	Intersect E. and W. line 1.90 chs. east of the cor. of Tps. 19 and 20 S., Rs. 5 and 6 E. which is an iron post, 3 ins. in dia., extending 12 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general.
	I destroy all marks on cor. that pertain to T. 20 S., Rs. 5 and 6 E., and at point of intersection,
	Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the ground for closing cor. of Tp. 20 S., Rs. 5 and 6 E., with brass cap marked
	T19SR6E S31
	S1 S6 R5E R6E T20S CC 1921

West Boundary of T.20 S., R.6 E.

chains

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
 Land, mountainous; E. exposure and drainage.
 Soil, rich, brown mountain loam streaked with rock of
 sandstone and limestone formation; subsoil, moist,
 brown loam and rock.
 Timber, a few scattering pinon, cedar, jack pine and
 aspen on both sides of line.
 Undergrowth, dense sagebrush and scattering clusters of
 service berry brush. Good grazing land.

SUBDIVISION OF T.20 S., R.6 E.

From the standard cor. of secs. 35 and 36 on the S. bdy.
 of the tp. which is an iron post, 2 ins. in dia.,
 firmly set in the ground and mound of stone, marked
 on brass cap

SC	
T20S	R6E
S35	S36

1919

from which

A pine, 12 ins. diam., bears N. 48° E., 55 lks.

dist., marked S C T 20 S R 6 E S 36 B T

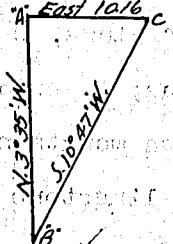
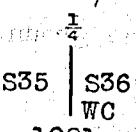
Witnessed by a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.

North, on Sectional Guide Meridian, bet. secs. 35 and 36.

Over E. break of "Nelson Mountain"; high sandstone ledges
 and precipitous clay slopes make it impossible to
 chain this line, I therefore triangulate as follows:

Being unable to set a flag on line North, I set a flag
 "A" N. 3° 35' W.; I designate the cor. of secs. 35 and
 36 "B" and then measure a base line "AC" East, 10.16
 chs. (unable to secure a longer or more suitable base
 line). The line "BC" bears S. $10^{\circ}47'$ W. By separate
 measurement of each angle I find them to be, A = $86^{\circ}25'$,
 B = $14^{\circ}21\frac{1}{2}'$ and C = $79^{\circ}13\frac{1}{2}'$.

Subdivision of T. 20 S., R. 6 E.

chains	
	 <p>Distance of line AB = 40.25 chs. or a northing of 40.17 chs. and westing of 2.52 chs.</p>
40.17	<p>From point "A" I measure East, 2.52 chs. to true line at 40.17 I am unable to find a suitable place N. or S. on line to perpetuate the $\frac{1}{2}$ sec. cor., I therefore return to point "A" which is 2.52 chs. west and 17 lks. N. of true point for $\frac{1}{2}$ sec. cor., where I set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for witness cor. to the $\frac{1}{2}$ sec. cor., with brass cap marked</p>
	
40.17	<p>Unable to build accessories to cor. on account of precipitous slope of mountain.</p> <p>Cor. stands on very steep SE. clay slope of mountain; a canyon about 600 ft. below this witness cor. and about 1000 ft. below standard cor. secs. 35 and 36 is south about 15 chs. distant; canyon drains NE.</p> <p>From witness cor. to the $\frac{1}{2}$ sec. cor., East, 2.52 chs. to true line at</p> <p>Point for $\frac{1}{2}$ sec. cor. is 17 lks. S. but falls on slope of mountain too steep to perpetuate same.</p> <p>The line north passes over high ledge point of "Nelson Mountain" over which I cannot chain, I therefore offset as follows:</p> <p>East, 7.64 chs., then, on offset line ascending spur at base of sandstone ledge 150 ft. high and point of "Nelson Mountain", 625 ft. above witness $\frac{1}{2}$ sec. cor. projects E.;</p>

Subdivision of T.20 S., R.6 E.

chains

the ledge bears SW., N. 3 chs., thence NW.

Descend precipitous N. slope.

North, 56.50 chs. (counted from sec.cor.); then

West, 7.64 chs. to true line, at

56.50 N. side of high ledge point; thence descend very steep
N. slope 725 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in
the ground for cor. of secs. 25, 26, 35 and 36, with
brass cap marked

T20S	R6E
S26	S25
S35	S36

1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rugged mountains with precipitous slopes; general
E. exposure and drainage.

Soil, blue clay and rock of sandstone formation.

Timber, none.

Undergrowth, scattering shadscale. Poor grazing.

Indications of coal at base of ledges and break of
mountain to the west of line.

East, on a random line bet. secs. 25 and 36

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.28 Intersect E. bdy. of the tp. 9 lks. N. of the cor. of
secs. 25, 30, 31 and 36.

Thence

N. $89^{\circ}56'$ W., on true line bet. secs. 25 and 36.

Over rough mountainous land through scattering scrub
cedar and pinon timber and undergrowth of shadscale.

5.65 Low spur, projects SE.; gradually descend.

7.45 Rocky draw, drains SE.; ascend NE. slope.

21.60 Rocky spur, 100 ft. above draw, projects S. 75° E.; thence
over broken bench land.

40.14 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

Subdivision of T.20 S., R.6 E.

chains	S 25
	S 36 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
	No suitable bearing trees are available.
54.00	Spur, about level with $\frac{1}{4}$ sec. cor., projects NE.; leave timber, bears NE. and SW.; begin abrupt descent NW. slope.
66.35	Draw, 215 ft. below spur, drains NE.; ascend steep clay slope.
70.50	Blue clay spur, 110 ft. above draw, projects NE.; thence along steep N. slope.
80.28	The cor. of secs. 25, 26, 35 and 36. Land, mountainous; general E. exposure and drainage. Soil, blue clay and rocky of sandstone formation; sub-soil, clay and rock. Timber, scrub cedar and pinon on E. 54.00 chs. Undergrowth, scattering short shadscale. Poor grazing.
	North, on Sectional Guide Meridian, bet. secs. 25 and 26. Over rough mountainous land through very scattering shadscale undergrowth. Descend.
4.25	Bottom of canyon, 35 ft. below cor.; stream of alkali water in same, course E.; ascend precipitous talus slope of blue clay and sandstone boulders.
27.00	Base of sandstone ledge about 150 ft. high and point of "Nelson Mountain", bears SW., NE. about 3 chs. thence N., 850 ft. above canyon. To pass point, I offset as follows: East, 3.50 chs., then, on offset line North, 29.50 (counted from sec. cor.) to spur, at E. point of ledge, projects E.; thence along base of ledge. North, 43.35 chs. (counted from sec. cor.) to spur at N. end of ledge, projects NE. North, 47.70 chs., then, West, 3.50 chs. along N. side of ledge to true

Subdivision of T.20 S., R.6 E.

chains	
47.70	line at Thence, South, 7.70 chs. to On steep N. slope of point of "Nelson Mountain" about 1 ch. N. of top of same. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S26 | S25 1921
40.00's	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Trees are within limits in both secs. but none are suitable for bearing trees. From $\frac{1}{4}$ sec. cor. North. Descend precipitous N. slope, through scrub cedar and pinon timber.
46.70	Sandstone ledge, 60 ft. high and N. point of break of mountain, bears E. and W.; leave timber, bears E. and W.; descend abruptly.
47.70	Intersect point from offset line.; continue steep descent N. slope on top of spur from break of mountain.
60.00	Thence along E. slope of spur.
71.40	Same spur, turns NE.; descend NW. slope, entering very scattering scrub cedar and pinon timber.
80.00	On NW. slope, 1080 ft. below $\frac{1}{4}$ sec. cor. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 23, 24, 25 and 26, with brass cap marked
	T20S | R6E S23 | S24 S26 | S25 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No suitable trees are available. Land, rough and rugged talus slopes of mountain; general E. exposure and drainage.

Subdivision of T.20 S., R.6 E.

chains

	Soil, blue clay strewn with sandstone rock.
	Timber, a few scrub cedar and pinon near $\frac{1}{4}$ sec. cor. and on N. end of mile.
	Undergrowth, very scattering shadscale. Poor grazing.
	Indications of coal along ledges on break of mountain W. of line.
	S.89°56'E., on a random line bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.28	Intersect E. bdy. of the tp. 9 lks. N. of the true cor. point for cor. of secs. 24 and 25.
	Thence N.89°52'W., on true line bet. secs. 24 and 25.
	Over rough, broken bench land through undergrowth of shadscale. Ascend abruptly broken slope of gulch.
5.25	Top of ledge and brink of gulch, 90 ft. above cor., bears NE. and SW.; enter scattering scrub cedar and pinon timber, bears NE. and SW.; thence over broken bench.
8.20	Begin ascent broken E. slope of blue clay hills.
20.00	Thence along nearly N. slope.
30.10	Clay spur, 280 ft. above sec. cor., projects NE.
31.90	Leave timber, bears N. and S.; begin descent N. slope.
38.28	On steep N. slope.
	Set an iron post, 3ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S 24.
	S25 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
40.90	N. point of ledge and bench, bears S. and SW.; descend.
41.90	Draw, drains NE.; ascend abruptly.
43.00	Begin precipitous ascent over steep clay slopes and bluffs.
65.50	Spur, 600 ft. above $\frac{1}{4}$ sec. cor., projects SE.; thence along general S. slope.
72.35	Low saddle in spur, about level with last spur, projects NE.; descend along rocky N. slope 70 ft. to

Subdivision of T. 20 S., R. 6 E.

29

chains	
78.28	<p>The cor. of secs. 23, 24, 25 and 26.</p> <p>Land, rough, broken benches and talus slopes; general E. exposure and drainage.</p> <p>Soil, blue and brown clay mixed with limestone and sandstone rock; subsoil, clay and rock.</p> <p>Timber, scattering scrub cedar and pinon on eastern portion of mile.</p> <p>Undergrowth, scattering shadscale. Poor grazing.</p>
	<p>North, on Sectional Guide Meridian, bet. secs. 23 and 24.</p> <p>Over rough mountainous land through scattering undergrowth of sagebrush. Descend NW. slope.</p>
4.20	Thence along W. slope entering scattering scrub cedar and pinon timber, bears E. and W.
15.70	Begin descent NW. slope.
19.90	Bottom of gulch and wash, 15 lks. wide, 4 ft. deep, small seep of alkali water in same, 260 ft. below sec. cor., course N.; thence over broken ground in bottom of gulch crossing and recrossing wash.
29.90	Same wash in gulch, drains N. 80° E.; ascend rocky SE. slope.
32.40	Rocky spur, 80 ft. above gulch, projects E.; thence along E. slope.
36.70	Spur, projects NE.; descend NW. slope.
40.00	On NW. slope, 110 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$
	S23 S24
	1921
	from which
	A cedar, 10 ins. diam., bears N. $3\frac{1}{4}^{\circ}$ E., 145 lks.
	dist., marked $\frac{1}{4}$ S 24 B T
	A pinon, 12 ins. diam., bears N. $34\frac{1}{2}^{\circ}$ W., 117 lks.
	dist., marked $\frac{1}{4}$ S 23 B T

Subdivision of T.20 S., R.6 E.

chains	
43.00	Gulch, 30 ft. below $\frac{1}{4}$ sec. cor., drains NE. about 3 chs. to junction with main gulch from the S.; ascend.
45.10	Spur, projects E.; thence along E. slope of main gulch.
53.60	Enter small bench, bears N. 20° E. and S. 20° W.
57.90	Leave bench, bears E. and W.; descend abruptly NE. slope
62.65	Gulch, 160 ft. below bench, drains E. about $1\frac{1}{2}$ chs. to junction with main gulch; ascend.
68.50	Enter bench, 110 ft. above gulch, bears N. 20° E. and SW.; gradually descend N. slope through dense scrub timber.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 13, 14, 23 and 24, with brass cap marked
	T20S | R6E S14 | S13 ----- S23 | S24 1921
	from which,
	A pinon, 4 ins. diam., bears N. $61\frac{1}{4}^{\circ}$ E., 45 lks. dist., marked T 20 S R 6 E S 13 B T
	A pinon, 4 ins. diam., bears S. $18\frac{1}{4}^{\circ}$ E., 154 lks. dist., marked T 20 S R 6 E S 24 B T
	A pinon, 4 ins. diam., bears S. $7\frac{1}{4}^{\circ}$ W., 147 lks. dist., marked T 20 S R 6 E S 23 B T
	A cedar, 6 ins. diam., bears N. $17\frac{1}{2}^{\circ}$ W., 98 lks. dist., marked T 20 S R 6 E S 14 B T
	Land, rough mountainous talus slope; general NE. exposure and drainage.
	Soil, rocky of sandstone and limestone formation and mixed with brown and blue clay; subsoil, clay and rock.
	Timber, scrub cedar and pinon on greater portion of mile.
	Undergrowth, short shadscale. Poor grazing.
	S. $89^{\circ}52'$ E., on a random line bet. secs. 13 and 24.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
76.37	Intersect E. bdy. of the tp., 5 lks. N. of the cor. of secs. 13 and 24.
	Thence

Subdivision of T.20 S., R.6 E.

chains	Locality in San Joaquin formation, about 10 miles N.E. of Visalia, Calif., N. $39^{\circ}50'W.$, on true line bet. secs. 13 and 24.
	Over rolling and broken bench land through scattering scrub cedar and pinon timber and undergrowth of shadscale.
14.50	Small dry wash, drains N.
17.60	Wood road, bears N. and SW.; begin ascent NE. slope.
36.37	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked
	S 13
	S24
	1921
	from which
	A pinon, 10 ins. diam., bears S. $19\frac{1}{2}^{\circ}W.$, 238 lks. dist., marked $\frac{1}{2}$ S 24 B T
	A cedar, 6 ins. diam., bears N. $39^{\circ}W.$, 213 lks. dist., marked $\frac{1}{2}$ S 13 B T
46.80	Top of ledge, 20 ft. high and brink of bench, bears N. and S.; gradually descend NW. slope.
47.40	Wood road, bears N. and S.
62.25	Top of ledge, 50 ft. high and brink of gulch, bears NW. and SE.; descend abruptly.
65.00	Bottom of gulch, 100 ft. deep, drains NW.; ascend abruptly.
66.50	Top of ledge on W. side of gulch, bears NW. and SE.; thence across small point of bench.
67.30	Leave bench, bears NE. and SW.; descend abruptly into gulch over ledges and boulders.
70.55	Bottom of main gulch, 122 ft. below bench, drains N.; ascend abruptly.
73.80	Top of ledge and W. brink of gulch, bears N. and S.; thence over bench through dense scrub timber to
76.37	The cor. of secs. 13, 14, 23 and 24. Land, rough, broken benches cut by gulches; general NE. exposure and drainage. Soil, blue and brown clay mixed with rock of sandstone and limestone formation; subsoil, dry clay and rock. Timber, scrub cedar and pinon.

Subdivision of T.20 S., R.6 E.

chains	
	Undergrowth, short shadscale. Poor grazing.
12.30	North, on Sectional Guide Meridian, bet. secs. 13 and 14
17.20	Gradually descend over rough mountainous bench land
22.00	through dense scrub cedar and pinon timber and under-growth of shadscale.
25.00	Wood road, bears NE. and SW.
25.60	Leave bench, bears SE., NW. for about 3 chs. thence NE.;
28.80	descend NE. slope.
33.00	Begin ascent SE. slope.
40.00	Enter same bench, bears NE. and SW.
	Wood road, bears NE. and SW.
	Leave bench, bears NE. and SW.; descend NW. slope.
	Leave dense timber, bears NE. and SW.
	On NW. slope, 100 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins.
	in the ground on solid rock and 18 ins. in a mound of
	stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	S14 S13
	1921
	from which
	A pinon, 6 ins. diam., bears $S.87\frac{1}{2}^{\circ}E.$, 154 lks.
	dist., marked $\frac{1}{4} S 13 B T$
	A cedar, 8 ins. diam., bears $N.53\frac{1}{2}^{\circ}W.$, 90 lks.
	dist., marked $\frac{1}{4} S 14 B T$
	The line north crosses a high sandstone ledge on point
	of spur over which I cannot chain, I therefore offset
	as follows:
	East, 1.40 chs., then, on offset line,
	North, 47.30 chs. (counted from sec. cor.) a
	box gulch, drains N.80°E.; high point on ledge
	bears W. 1.00 chs.; ascend abruptly.
	North, 48.77 chs. (counted from sec. cor.) to
	point on spur, projects NE.; then
	West, 140 chs. to true line at

Subdivision of T.20 S., R.6 E.

chains imperial	in broken blue clay hills, mostly broken during rainfall.
48.77	N. side of point of ledge; descend NW. slope.
51.00	Bottom of Dry Canyon and wash, 50 lks. wide, 2 ft. deep, stream of alkali water, 2 lks. wide, 1 in. deep in wash, course NE.; ascend.
55.70	Spur, 50 ft. above canyon, projects E.; thence over broken clay hills.
58.70	Gulch, 65 ft. below spur, drains NE.; ascend.
63.40	Spur, 75 ft. above gulch, projects NE.; thence over rolling NE. slope.
79.40	Brink of gulch, bears E. and W.; descend abruptly.
80.00	On N. slope, 45 ft. below brink.

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14, with brass cap marked

T20S	R6E
S11	S12

S14	S13
-----	-----

from which

A pinon, 4 ins. diam., bears S. 50° W., 163 lks.

dist., marked T 20 S R 6 E S 14 B T

No other suitable trees available.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rough, broken bench lands; general NE. exposure and drainage.

Soil, rocky and brown and blue clay of sandstone formation; subsoil, clay and rock.

Timber, scrub cedar and pinon.

Undergrowth, shadscale. Poor grazing land.

S. $89^{\circ}50'$ E., on a random line bet. secs. 12 and 13.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect E. bdy. of the tp. 10 lks. S. of the cor. of secs. 12 and 13.

Thence N. $89^{\circ}54'$ E., on true line bet. secs. 12 and 13.

Over broken blue clay hills and bench land through very

Subdivision of T. 20 S., R. 6 E.

chains	scattering scrub cedar and pinon timber and undergrowth of shadscale.
.75	Wash, 10 lks. wide, 1 ft. deep, heads about 3 chs. S. and drains N.; gradually ascend.
6.25	Blue clay spur, 65 ft. above wash, projects N. and comes from small butte about 2 chs. S.; descend.
8.65	Spur, from butte SE., projects NW.; descend NW. slope over broken ground.
17.50	Bottom of gulch and wash, with ledge banks 30 ft. high, 120 ft. below spur, drains N.; ascend.
19.25	Enter bench and medium growth scrub timber, bears N. and S.
27.65	Leave bench and timber, bears N. and SW.; descend rocky NW. slope.
32.60	Bottom of Dry Canyon and wash, 60 lks. wide, 5 ft. deep, small stream alkali water in same, 65 ft. below brink of bench, course N.; ascend over low point, projects S.
34.45	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 20 ins. in a mound of limestone for $\frac{1}{4}$ sec. cor., with brass cap marked
	P H M D 3 6 18 2 08 7 S 12
38.00	Same wash and stream in bottom of Dry Canyon, course SE.; ascend over low point projects N.
39.00	Same canyon and wash, drains NE.; ascend.
41.45	Edge of bench, 105 ft. above canyon, bears NE. and SW.; gradually ascend rocky E. slope of bench.
55.65	Low, rocky spur, projects NE.; thence along N. slope.
59.55	Blue clay spur, projects N.; gradually descend.
68.15	Shallow draw, drains NE.; ascend.
70.45	Enter scrub cedar and pinon timber, bears N. and S.

Subdivision of T.20 S., R.6 E.

chains	
72.45	Spur; 105 ft. above draw, projects NE. about 1 ch. to ledge; descend NW. slope 25 ft. to
74.45	The cor. of secs. 11, 12, 13 and 14. Land, rolling benches cut by gulches; general N. exposure and drainage. Soil, brown and blue clay mixed with limestone and sand- stone rock; subsoil, clay and rock. Timber, scrub cedar and pinon. Undergrowth, shadscale. Poor grazing land.
	North, on Sectional Guide Meridian, bet. sec. 11 and 12. Over rough, broken bench land through very scattering scrub cedar and pinon timber and undergrowth of shad- scale. Descend abruptly NW. slope.
2.25	Gulch, 100 ft. below cor., drains NE.; ascend blue clay slope.
7.00	Base of ledge, bears NE. and SW.
7.20	Top of ledge and spur, 80 ft. above gulch, projects NE.; thence over E. slope.
12.00	Enter bench, bears NE. and SW.
24.00	Top of ledge and brink of bench, bears E., W. about 2 chs. then S.; descend abruptly.
29.40	Bottom of gulch, heads about 5 chs. SW. and drains NE.
30.75	Wash, from the W. drains E. to junction with main gulch wash.; ascend abruptly.
35.80	Top of ledge and enter bench; 65 ft. above bottom of gulch, bears NE. and SW.
37.30	Leave bench, bears W., E. about 1 ch. thence N.; descend.
39.00	Base of descent on W. slope of bench; ascend abruptly over ledge.
40.00	Enter narrow point of bench and ledge, bears NW. and SE. Point for $\frac{1}{2}$ sec. cor. falls on ledge where cor. cannot be set.
40.51	On top of narrow point of bench, projects NW. Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of

Subdivision of T.20 S., R.6 E.

chains

stone for witness cor. to the $\frac{1}{2}$ sec. cor., with brass cap marked

S11	S12
-----	-----

WC
1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

41.00 Top of ledge and leave bench, bears E. and W.; descend abruptly.

49.60 Base of descent and enter rolling bottom of Ferron Canyon 120 ft. below bench, bears NW. and E.; thence over rolling ground sloping N.

60.80 Wash, 50 lks. wide, 20 ft. deep, drains NE.

64.80 Leave scattering timber, bears NW. and E.

76.70 Road in Ferron Canyon, bears E. and W.

77.10 Wire fence and Telephone Line, bears E. and W.; enter Jos. A. Peterson's farm.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 1, 2, 11 and 12, with brass cap marked

T20S	R6E
------	-----

S2	S1
----	----

S11	S12
-----	-----

1921

from which

A cottonwood, 12 ins. diam., bears N. 56° W., 221 lks.

dist., marked T 20 S R 6 E S 2 B T

No other trees available.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rough, broken bench land on S. 49.60 chs., rolling canyon bottom on remainder of mile; general N. exposure and drainage.

Soil, brown and blue clay and rocky of sandstone formation; subsoil, clay loam and rock.

Timber, a few scattering scrub cedar and pinon on S. portion of mile.

Subdivision of T.20 S., R.6 E.

chains	
	Undergrowth, shadscale. Fair grazing land.
	S.89°54' E., on a random line bet. secs. 1 and 12.
38.00	Set temp. $\frac{1}{4}$ sec. cor., true point for same falls in creek.
74.05	Intersect E. bdy. of the tp. 9 lks. N. of the true point for cor. of secs. 1 and 12.
	Thence
	N.89°50' W.; on true line bet. secs. 1 and 12.
	Over nearly level land in bottom of Ferron Canyon in channel of Ferron Creek Wash.
3.50	Ferron Creek, 1 ch. wide, 10 ins. deep, muddy water, course SE.; thence along creek crossing and recrossing same.
17.40	Bank of Ferron Creek wash, 8 ft. high, bears N. for about 3 chs. thence NE. and S. for about 3 chs. thence SW; willow and birch undergrowth along bank of creek. Thence over bottom lands through dense undergrowth; cultivated land to N. of line.
22.30	Bank of Ferron Creek Wash, 8 ft. high, bears NW. and SE; thence in channel of wash.
34.05	Point for $\frac{1}{4}$ sec. cor. falls in channel of Ferron Creek Wash where cor. would be washed away. No cor. set.
34.40	Ferron Creek, 80 lks. wide, 18 ins. deep, muddy water, course S.
35.50	Bank of Ferron Creek Wash, 8 ft. high, bears N. and S.; enter dense undergrowth; bears N. and S.
35.88	Set an iron post, 3 ft. long, $\frac{1}{2}$ in. in dia., 26 ins. in the ground for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked.
	S 1
	WC S 12 1921
	Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. distant.
39.00	Leave dense undergrowth and enter cultivated land belonging to Jos. A. Peterson, bears N. and S.

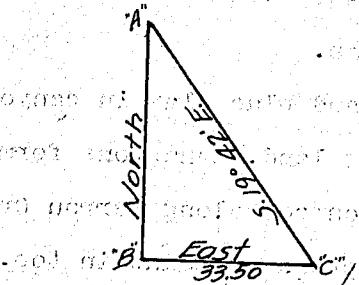
Subdivision of T.20 S., R.6 E.

chains	
61.50	Leave cultivated land and enter sagebrush undergrowth, bears N. and S.
63.30	wash, 20 lks. wide, 20 ft. deep, drains NE.
63.50	Enter narrow strip of cultivated land, bears NE. and SW.
65.50	Leave cultivated land, bears NE. and SW.
74.05	The cor. of secs. 1, 2, 11 and 12. Land, nearly level canyon bottom; drains E. Soil, sandy clay loam and silt; subsoil, sand. Timber, a few cottonwood along banks of Ferron Creek. Undergrowth, dense willow, greasewood and birch along banks of Ferron Creek, and sagebrush on remaining unimproved land.
2.60	North, on true line bet. secs. 1 and 2. To road. Over rolling land in bottom of Ferron Canyon through sagebrush undergrowth.
5.20	Leave undergrowth and enter narrow strip of cultivated land belongs to Jos. A. Peterson, bears NE. and SW. Ferron Creek, 50 lks. wide, 2 ft. deep, muddy water, swift current, course E.; cottonwood timber and dense undergrowth along banks of creek. Gradually ascend over rolling land sloping S.
23.90	Wash, 15 lks. wide, 10 ft. deep, drains S. 20° E.
34.00	Begin steeper ascent at base of talus slopes of high mountain.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S2 | S1 heights and bearings 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. The line north of this $\frac{1}{4}$ sec. cor. passes over high ledges and breaks of Ferron Canyon, up which it is impossible to chain; to determine the distance to top of mountain, I triangulate as follows:

Subdivision of T.20 S., R.6 E.

chains

I return to the cor. of secs. 1,2,11 and 12 and set flag "A" on line north at top of mountain; designate the cor. of secs. 1,2,11 and 12 "B" and measure a base line "BC" east, 33.50 chs. distance. The line "AC" bears S.19°42'E. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation = .93.56 chs.

93.56 Top of high sandstone ledge and brink of mountain, 2120 ft. above Ferron Creek, bears E. and W.; thence over broken top of mountain.

95.78 Intersect N. bdy. of the tp., 5.65 chs. East of the cor. of secs. 1,2,35 and 36, which is an iron post, 3 ins. in dia., firmly set in a mound of stone, and marked and witnessed as described by the surveyor general. I destroy all marks on cor. that pertain to T.20 S. and remark iron post as follows:

T19S	R6E
S35	S36

S2

T19S

1910

A pinon, 36 ins. diam., bears N.19°E., 162 lks.

dist., marked T 19 S R 6 E S 36 B T

A pinon, 36 ins. diam., bears N.51°W., 166 lks.

dist., marked T 19 S R 6 E S 35 B T

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 20 ins. in a mound of stone for closing cor. of secs. 1 and 2, with brass cap marked

T19SR6E

S36

S2

S1

T20S

R6E

CC

1921

Subdivision of T. 20 S., R. 6 E.

	chains from which A pinon, 6 ins. diam., bears S. 81° W., 120 lks. dist., marked T 20 S R 6 E S 2 C C B T No other trees available.
	Land, S. $\frac{1}{2}$ mile rolling bottom of Ferron Canyon; remainder of mile precipitous S. slope of mountain and broken mountain top.
	Soil, brown and blue clay in canyon, clay and rock on mountainous land. Sandstone formation.
	Timber, cottonwood along Ferron Creek and a few scrub cedar and pinon on mountain top.
	Undergrowth, shadscale; willow, birch and greasewood along creek. Fair grazing land in canyon.
	From the standard cor. of secs. 34 and 35 on the S. bdy of the tp., which is an iron post, 2 ins. in dia., extending 12 ins. above ground, firmly set, with brass cap marked
	T20S | R6E S34 | S35
	from which A pinon, 16 ins. diam., bears N. 50 $\frac{3}{4}$ ° E., 60 lks. dist., marked S C T 20 S R 6 E S 35 B T
	A pinon, 20 ins. diam., bears N. 27° W., 30 lks. dist., marked S C T 20 S R 6 E S 34 B T
	N. 0° 01' W., bet. secs. 34 and 35.
	Over rough mountainous land through pinon and cedar timber and undergrowth of shadscale, service berry brush and yellow top. Descend.
.50.	Bottom of canyon, 20 ft. below cor, drains S. 80° W.; ascend precipitous S. slope strewn with large sandstone boulders.
12.00	Begin ascent over sandstone ledges, bears N. 20° E. and W.
12.90	Top of ledge, 75 ft. high, bears N. 20° E. and W.; in- dications of coal extend W. about 10 chs. along ledges.

Subdivision of T.20 S., R.6 E.

chains

Ascend along very rocky SE. and E. slopes.

40.00

Point for $\frac{1}{4}$ sec. cor., falls on broken sandstone ledge on SE. slope, 965 ft. above canyon; mark X for exact cor. point. Witness cor. set .30 chs. N.0°01'W.

40.30

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

S34	S35
-----	-----

WC
1921

from which

A pinon, 12 ins. diam., bears N.44 $\frac{3}{4}$ °E., 71 lks.

dist., marked W C $\frac{1}{2}$ S 35 B T

A pinon, 12 ins. diam., bears N.16 $\frac{3}{4}$ °W., 38 lks.

dist., marked W C $\frac{1}{2}$ S 34 B T

Continue ascent over ledges and boulders.

47.15

Top of sandstone ledge and brink of mountain top, ledge 50 ft. high and 280 ft. above witness cor. to the $\frac{1}{4}$ sec. cor., bears NE. and SW.; enter pinon, cedar and scrub mahogany timber, bears NE. and SW.

51.25

Leave timber and enter dense sagebrush undergrowth, bears NE. and W.; thence over rolling mountain top.

73.40

Enter dense scrub mahogany, bears NE. and SW.; ascend SE. slope.

74.30

Leave dense mahogany, bears NE. and SW., enter scattering pine, pinon and cedar timber.

76.85

Spur, 125 ft. above brink of mountain, projects SW.; thence along general W. slope.

80.00

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for cor. of secs. 26, 27, 34 and 35, with brass cap marked

T20S	R6E
S27	S26

S34	S35

1921

from which

. Subdivision of T.20 S., R.6 E.

chains

A mahogany, 5 ins.diam., bears N. $67\frac{1}{2}$ ^oE., 158 lks
dist., marked T 20 S R 6 E S 26 B T

A mahogany, 6 ins.diam., bears S. $55\frac{1}{2}$ ^oE., 149 lks
dist., marked T 20 S R 6 E S 35 B T

A jack pine, 14 ins.diam., bears S. 59° W., 123 lks
dist., marked T 20 S R 6 E S 34 B T

A mahogany, 5 ins.diam., bears N. $63\frac{3}{4}$ ^oW., 62 lks.
dist., marked T 20 S R 6 E S 27 B T

Land, S. 47.15 chs., rough and rugged general S. break
of mountain; remainder of mile rolling mountain top;
general S. exposure and drainage.

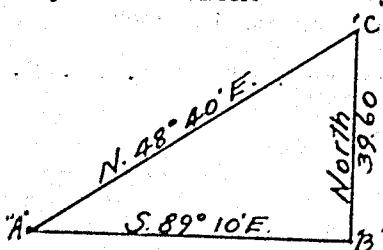
Soil, S. 47.15 chs. blue clay and rocky of sandstone
formation; remainder of mile sandy loam streaked
with rock. Subsoil, clay loam and rocky.

Timber, pinon, cedar, scrub mahogany and scattering pine;
medium growth on S. 51.25 chs., none on next 22.10 chs.
dense to scattering growth on remainder of mile.

Undergrowth, sage, service berry, yellow top and shadscale
Good grazing land on N. 28.75 chs.

East, on a random line bet. secs. 26 and 35.

35.77 Top of ledge and brink of mountain top down which it is
impossible to chain; I therefore triangulate as follows
I designate this point "A" and find that flag "B" set
60 lks. S. of the cor. of secs. 25, 26, 35 and 36 bears
 $S.89^{\circ}10'E.$; flag "C" set 1.00 ch. South of the $\frac{1}{2}$ sec.
cor. bet. secs. 25 and 26, bears N. $48^{\circ}40'E.$ of flag
"A". The base line "BC" bears North, 39.60 chs. distant.
All bearings taken by direct reading of the solar and
angles checked by deflection.



Distance of line AB by triangulation = 44.29 chs.

Subdivision of T.20 S., R.6 E.

chains

- 80.06 Total distance on random line = 80.06 chs., therefore
Intersect N. and S. line 5 lks. N. of the cor. of secs.
25, 26, 35 and 36.
- Thence N. $89^{\circ}58'W.$, on true line bet. secs. 26 and 35.
- Ascend precipitous E. break of mountain over talus slope
of blue clay covered with sandstone boulders and over
high sandstone ledges.
- Point for $\frac{1}{4}$ sec. cor. falls on ledges where cor. cannot
be set.
- Top of ledges on break of mountain, 1500 ft. above
sec. cor., bears N. and S. $20^{\circ}E.$ Point of triangulation.
Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in
the ground on solid rock and 10 ins. in a mound of
stone for witness cor. to the $\frac{1}{2}$ sec. cor., with brass
cap marked ~~W.C.~~ W.C. and
S 26
 $\frac{1}{4}$ sec. cor. bears $\frac{1}{4}$ sec. cor. W.C. and
S 35
1921
from which
A red pine, 8 ins. diam., bears S. $32^{\circ}E.$, 87 lks.
dist., marked W. C $\frac{1}{4}$ S 35 B. T.
No other trees available.
Enter red pine and mahogany timber, bears N. and S. $20^{\circ}E.$;
ascend abruptly E. slope.
- Brink of mountain top, 75 ft. above witness cor. to the
 $\frac{1}{4}$ sec. cor., bears N. and S.; thence over rolling
top of "Nelson Mountain".
- Leave timber and enter sagebrush undergrowth, bears N.
and SW.
- Shallow draw and wash, 5 lks. wide, 3 ft. deep, drains
S. $20^{\circ}W.$; a few yellow pine trees S. of line. Ascend.
- Enter dense mahogany timber, bears NE. and SW.
- Leave dense timber, bears NE. and SW.
- Spur, 90 ft. above draw, projects S. $20^{\circ}W.$; descend 15 ft.
- The cor. of secs. 26, 27, 34 and 35.
Land, E. 46.15 chs. rough and rugged break of mountain
E. exposure and drainage; remainder of mile rolling

Subdivision of T.20 S., R.6 E.

chains	mountain top; general S. exposure and drainage. Soil, of eastern portion of mile blue clay and rock of sandstone formation; soil of western portion, sandy loam streaked with rock of sandstone formation. Timber, scattering red pine and mahogany thickets; a few yellow pine S. of line. horizon miles west of Undergrowth, sage, shadscale and clusters of service berry brush. Good grazing on top of "Nelson Mountain"
	N. 0°01' W., bet. secs. 26 and 27. no control to cor. 40.00 Over rolling top of "Nelson Mountain", through scattering pinon, cedar and mahogany timber and undergrowth of sagebrush. Ascend SW. slope, or no bearing, and
12.45	Spur, 110 ft. above sec. cor., projects W.; leave timber, bears E. and W.; descend N. slope.
30.20	Draw, 315 ft. below spur, drains W.; enter scrub mahogany and scattering aspen timber, bears E. and W.; thence over gently rolling W. slope.
37.00	Leave timber, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S27 | S26 1921 from which extends and follows to division line. A mahogany, 4 ins. diam., bears S. 32° E., 430 lks. dist., marked $\frac{1}{4}$ S 26 B T
	A mahogany, 5 ins. diam., bears S. 56 $\frac{1}{2}$ ° W., 130 lks. dist., marked $\frac{1}{4}$ S 27 B T
50.60	Enter scattering mahogany, pine and cedar timber, bears E. and W.
67.70	Enter dense timber, bears E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for for of secs. 22, 23, 26 and 27, with brass cap marked

Subdivision of T.20 S., R.6 E.

chains

T20S S22	R6E S23
S27	S26

1921

from which

A mahogany, 14 ins diam., bears N. $57\frac{1}{4}$ ^oE., 121 lks. dist., marked T 20 S. R. 6 E S 23 B T

A mahogany, 5 ins. diam., bears S. $19\frac{1}{2}$ ^oE., 133 lks. dist., marked T 20 S. R. 6 E S 26 B T

A mahogany, 6 ins. diam., bears S. $77\frac{1}{4}$ ^oW., 162 lks. dist., marked T 20 S. R. 6 E S 27 B T

A mahogany, 6 ins. diam., bears N. $35\frac{3}{4}$ ^oW., 34 lks. dist., marked T 20 S. R. 6 E S 22 B T

Land, rolling mountain top; W. exposure and drainage.

Soil, shallow brown, sandy loam mixed with rock of sandstone formation; subsoil, sandy and rock.

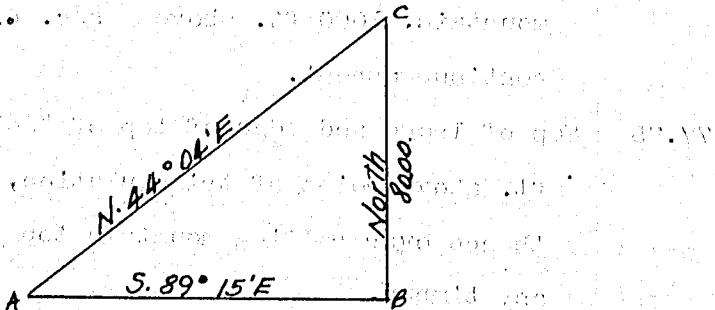
Timber, scrub mahogany, pinon, cedar, scattering red pine and aspen.

Undergrowth, sagebrush and yellow top. Good grazing.

S. $89^{\circ}58'$ E., on a random line bet. secs. 23 and 26.

3.83 Top of ledge and break of mountain, down which I cannot chain; being unable to secure a base line suitable for triangulating to base of ledges I triangulate the remainder of the mile as follows:

I designate this point "A" from which flag "B" set 96 lks. S. of the cor. of secs. 23, 224, 25 and 26 bears S. $89^{\circ}15'$ E.; flag "C" set 96 lks. S. of the cor. of secs. 13, 14, 23 and 24 bears N. $44^{\circ}04'$ E. The base line "BC" bears North, 80.00 chs. distant. All bearings taken by direct reading of the solar and angles are checked by deflection.



Subdivision of T.20 S., R.6 E.

chains	<p>Distance of triangulation = 76.47 chs.</p> <p>Distance from cor. of secs. 22, 23, 26 and 27 to point "A" = 3.83 chs.</p> <p>Total distance of random line = 80 .30 chs.</p> <p>Intersect the cor. of secs. 23, 24, 25 and 26.</p> <p>Thence N.89°58'W., on true line bet. secs. 23 and 26</p> <p>Direct measurement to $\frac{1}{4}$ sec. cor.</p> <p>Over rough mountainous land through scattering scrub cedar and pinon timber and undergrowth of shadscale.</p> <p>Gradually descend NW. slope.</p> <p>Canyon, 75 ft. below cor., drains NE.; ascend abruptly.</p> <p>Brink of canyon, bears NE. and SW.; thence along general N. slope.</p> <p>Top of ascent; descend NW. slope.</p> <p>Draw, drains NE.; ascend blue clay talus slope covered with sandstone boulders.</p> <p>Spur, 370 ft. above draw, projects NE.; a high ledge point on E. break of "Nelson Mountain" which bears W., S. about 3 chs., then S.20°E., bears SW. about 3 chs. distant.; thence along N. slope at base of high ledge wall.</p> <p>On steep N. slope.</p> <p>Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked "A" and date and No. S 23 on side.</p> <p>S 26 and No. 1921 on top.</p> <p>Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>Thence by triangulation to 80.30 chs.</p> <p>Point of triangulation on top of ledge on break of mountain, 1000 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; continue ascent.</p> <p>Top of ledge and edge of top of "Nelson Mountain", 75 ft. above point of triangulation, bears N. and S.; thence over rolling mountain top through dense mahogany timber.</p>
80.30	
8.50	
13.30	
16.50	
21.90	
35.95	
40.15	
89.00	
76.47	
77.85	

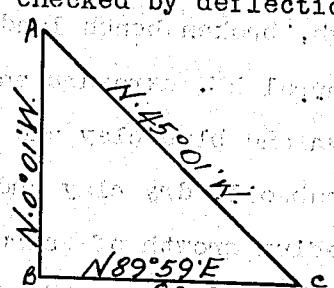
Subdivision of T.20 S., R.6 E.

chains	
80.30	The cor. of secs. 22, 23, 26 and 27. Land, E. 77.85 chs. precipitous E. break and talus slope of mountain; remainder of mile rolling mountain top; general E. exposure and drainage. Soil, brown and blue clay and sandstone rock; subsoil, clay and rock.
140.30	Timber, scattering scrub cedar and pinon on breaks, dense mahogany on mountain top.
140.30	Undergrowth, shadscale. Poor grazing.
140.30	Over nearly level top of "Nelson Mountain" through dense mahogany and scattering pinon and cedar timber.
9.00	Leave timber, bears NE. and SW.
13.70	Reenter timber, bears NW. and SE.
14.40	Brink of mountain top, bears E. about 4 chs., then S. and W. about 4 chs. then NW.; descend N. slope.
16.40	Top of sandstone ledge, 50 ft. high and leave timber bears E. and W.; descend precipitous N. slope.
35.00	Begin descent over high sandstone ledge, bears NE. and SW.
37.00	Base of ledge, 125 ft. high, bears NE. and SW.; descend steep NW. slope.
40.00	On steep NW. slope, 925 ft. below brink of mountain. Set an iron post, 3 ft. long, 1 in. in dia., 15 ins. in the ground on solid rock and 15 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked S22 S23 1921
43.00	Deposit a sandstone, 15 x 10 x 6 ins., marked (X) on top Canyon, 350 ft. below $\frac{1}{2}$ sec. cor., drains N. 20° E.; thence along steep, rocky E. slope.
80.00	On steep, rocky E. slope. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins.

Subdivision of T.20 S., R.6 E.

chains	
10.00	A pinon, 6 ins. diam., bears S.10°E., 173 lks. dist., marked $\frac{1}{4}$ S 23 B T No other trees are available.
40.95	Spur, 30 ft. above $\frac{1}{4}$ sec. cor., projects N. about 6 chs. distant; thence along N. slope.
44.25	Begin descent over NW. slope.
48.50	Gulch, 160 ft. below spur, drains NW.; a sandstone ledge about 100 ft. high bearing W. and SE. bears SE. about 3 chs. distant.
49.80	Gulch, drains NE.; ascend abruptly clay slope.
59.80	Spur, 460 ft. above gulch, projects N.20°E.; descend along N. slope.
68.50	Begin abrupt descent W. slope.
77.50	Canyon, 225 ft. below spur, drains NE.; ascend abruptly 70 ft. to
80.36	The cor. of secs. 14,15,22 and 23. Land, rough, broken bench land and talus slope of mount- ain; general NE. exposure and drainage. Soil, brown and blue clay and rocky of sandstone form- ation; subsoil, dry clay and rock. Timber, medium growth of scrub cedar and pinon. Undergrowth, shadscale. Poor grazing land. N.0°01'W., bet. secs. 14 and 15. Over rough mountainous land through scattering scrub cedar and pinon timber and undergrowth of shadscale. Descend.
5.50	Draw, 50 ft. below cor., drains NE.; ascend.
12.00	Spur, 50 ft. above draw, projects NE.; descend N. slope.
23.40	Bottom of Dry Canyon, 240 ft. below spur, wash in same, 1 ch. wide, 3 ft. deep, drains E.; ascend abruptly over rocky talus slope of "Little Nelson Mountain".
38.00	Wash, on side of mountain, 40 lks. wide, 3 ft. deep, drains SE.
40.00	On SE. slope, 110 ft. above canyon. Set an iron post, 3 ft. long, 1 in. in dia., 10 ins.

Subdivision of T.20 S., R.6 E.

chains	
	in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
1500 ft. above Dry Canyon	1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. The line north passes over very steep talus slope and breaks of "Little Nelson Mountain" up which it is impracticable to chain, I therefore determine distance to top of mountain as follows:
80.00	Set flag "A" on line on top of "Little Nelson Mountain", I then return to cor. of secs. 14, 15, 22 and 23 which I designate "B" and measure a base line N.89°59' E., 80.00 chs. distance; to point "C". The line "CA" bears N.45°01' W. All bearings taken by direct reading of the solar and angles checked by deflection.
	
	Distance by triangulation of line "AB" = 80.00 chs.
80.00	On gentle SE. slope near top of "Little Nelson Mountain", 1500 ft. above Dry Canyon. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 10, 11, 14 and 15, with brass cap marked
	1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Trees are within limits in all secs. but none are suitable for bearing trees.
	Land, rough, rugged mountains; general N. and S. exposure and drainage to Dry Canyon which drains NE.

Subdivision of T. 20 S., R. 6 E.

Soil, brown and blue clay and sandstone rock; subsoil, clay and rock. timber, scattering scrub cedar and pinon. Undergrowth, shadscale. Poor grazing land.

The cor. of secs. 11, 12, 13 and 14 being visible from the cor. of secs. 10, 11, 14 and 15, I run for said cor. East, on a random line bet. secs. 11 and 14. The line E. passes over high ledges and breaks of mountain down which I cannot chain, and, being unable to secure a base line in a suitable direction to triangulate to the base of the ledges I triangulate the entire mile as follows:

The line bet. secs. 11 and 14 bears East; the line bet. the cor. of secs. 11, 12, 13 and 14 and the cor. of secs. 13, 14, 23 and 24 bears South, 80.00 chs. From the cor. of secs. 10, 11, 14 and 15, the cor. of secs. 13, 14, 23 and 24 bears S.45°05' E. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 80.23 chs.

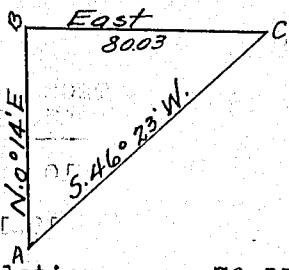
Intersect the cor. of secs. 11, 12, 13 and 14. Thence nor. 150 ft. to junction of true line bet. secs. 11 and 14. By direct measurement. Over mountainous land through scattering scrub cedar and pinon, timber and undergrowth of shadscale. Descend NW. slope. Gulch, 70 ft. below cor., drains NE.; gradually ascend Spur, 60 ft. above gulch, projects N.; gradually descend NW. slope cut by numerous washes draining N.

Subdivision of T. 20 S., R. 6 E.

chains	
24.70	Large wash, drains NE.; begin ascent over clay talus slope of mountain covered with sandstone boulders.
26.90	Leave timber, bears N. and S.
40.11	On steep clay slope, 340 ft. above wash. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked S 11
	S 14 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Thence by triangulation over high ledges and steep slopes on SE. point of "Little Nelson Mountain".
80.23	The cor. of secs. 10, 11, 14 and 15, 1500 ft. above sec. cor. Land, rough broken bench land and precipitous break of mountain. Soil, blue and brown clay and rock of sandstone formation; subsoil, clay and rock. Timber, scattering scrub cedar and pinon on E. 26.90 chs. and extreme western portion of mile. Undergrowth, shadscale. Poor grazing land.
	----- N. 0° 01' W., bet. secs. 10 and 11.
	Over rough mountainous land through scrub cedar and pinon timber and undergrowth of service berry brush and shadscale. Gradually ascend.
2.73	Top of high ridge spur of "Little Nelson Mountain", 35 ft. above sec. cor., projects N. 80° E. The line north passes over high breaks of mountain down which I cannot chain, I therefore triangulate as follows: From this point which I designate "A" set flag "B" at base of mountain N. 0° 14' E., then, from flag "B" measure base line "BC" East, 80.03 chs. The line "CA" bears S. 46° 23' W. All bearings taken by direct reading of the solar and angles are checked by deflection.

Subdivision of T.20 S., R.6 E.

chains



Distance by triangulation = 76.55 chs.

Total distance = 79.28 chs.

I now measure west, 32 lks. to true line at

79.28 Thence by return measurement, S.0°01'E. to

41.29 Impossible to reach true point for $\frac{1}{2}$ sec. cor. which is
1.29 chs. S.0°01'E. on account of ledges, therefore at
this point,Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in
the ground on solid rock and 10 ins. in a mound of
stone for witness cor. to the $\frac{1}{2}$ sec. cor., with brass
cap marked

S10 | S11

WC

1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Cor. stands on precipitous NW. slope about 50 lks. N.
of impassable sandstone ledges.Thence from witness cor. to the $\frac{1}{2}$ sec. cor.
N.0°01'W.

Descend abruptly over general N. talus slope of mountain.

62.70 Gulch, 330 ft. below witness cor. to $\frac{1}{2}$ sec. cor., drains
E.; ascend.

65.25 Sharp spur, 90 ft. above gulch, projects NE.; descend.

67.20 Small gulch, drains NE.; ascend.

70.50 Spur, 100 ft. below last spur, projects NE.; descend
abruptly N. slope 275 ft. to79.28 Point of triangulation at base of "Little Nelson Mountain"
and on S. side of bottom of Ferron Canyon, 1750 ft.
below 2.73 ch. point, bears E. and NW.; thence in
bottom of Ferron Canyon.80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in
the ground for cor. of secs. 2, 3, 10 and 11, with brass

Subdivision of T. 20 S., R. 6 E.

chains

cap marked

T20S	R6E
S3	S2
S10	S11

1921

from which . . .

A pinon, 8 ins.diam., bears N. $18^{\circ}57'$ E., 145 lks.

dist., marked T 20 S R 6 E S 2 B T

A pinon, 6 ins.diam., bears S. $45^{\circ}12'$ E., 92 lks..

dist., marked T 20 S R 6 E S 11 B T

A cedar, 12 ins.diam., bears S. $41^{\circ}57'$ E., 70 lks.

dist., marked T 20 S R 6 E S 10 B T

A cedar, 12 ins.diam., bears N. $6^{\circ}57'$ W., 146 lks.

dist., marked T 20 S R 6 E S 3 B T

Land, S. 273 chs. on SE. slope of top of "Little Nelson Mountain"; remainder of mile precipitous break of mountain and rolling canyon bottom; general N. exposure and drainage.

Soil, brown and blue clay and rocky of sandstone formation subsoil, dry clay and rock.

Timber, scattering scrub cedar and pinon.

Undergrowth, shadscale and scattering clusters of service berry brush. Poor grazing land.

Indications of coal at base of ledges encircling "Little Nelson Mountain".

East, on a random line bet. secs. 2 and 11.

40.00 Set temp. ± sec. cor.

80.26 Intersect N. and S. line 7 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Thence

S. $89^{\circ}57'$ W., on true line bet. secs. 2 and 11.

Over nearly level land in bottom of Ferron Canyon through sagebrush undergrowth.

3.50 Leave sagebrush and enter cultivated land belonging to Jos. A. Peterson, bears N. and S.

19.30 Wire fence, bears N. and S. about 2 chs. to S. end of

Subdivision of T. 20 S., R. 6 E.

chains	
	of fields which bear E. and W.; enter orchard.
25.35	Road, to Peterson's house, bears N. and S. about 2 chs. to main canyon road.
25.50	Telephone line, bears N. and S.
25.98	The SE. cor. of Jos. A. Peterson's lumber house, bears N. 59 lks. distant.
27.00	Wire fence and leave cultivated land, bears NW. and SE.
27.20	Ferron Canyon road, bears NW. and SE.
27.50	Leave canyon, ascend abruptly steep NE. slope entering scattering scrub cedar and pinon timber and shadscale undergrowth, bears NW. and SE.
32.00	Top of ledge, 30 ft. high, bears NW. and SE.; ascend along N. slope.
39.00	Top of ascent, 150 ft. above canyon, bears N. and S.; gradually descend along N. slope.
40.13	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked S 2
	S 11 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. No suitable bearing trees are available.
40.30	Small wash, filled with large sandstone boulders, drains N.; ascend.
41.50	Low, clay spur, projects N.; gradually descend NW. slope entering medium growth of scrub cedar and pinon timber.
52.20	Large wash, 35 ft. below spur, drains N.; thence over broken ground at base of mountain and in S. edge of Ferron Creek Canyon, bears NE. and S. 85°W.
80.26	The cor. of secs. 2, 3, 10 and 11. Land, nearly level, rolling and broken canyon bottom and rough mountains; general N. exposure and drainage. Soil, in canyon on E. 27.50 chs., rich sandy loam and friable clay; soil of mountains and remainder of canyon bottom brown and blue clay and rocky of sandstone and limestone formation; subsoil, dry clay and rock.

Subdivision of T.20 S., R.6 E.

chains	
	Timber, scattering to medium growth of scrub cedar in Ferron canyon and on mountainous land in western portion of mile.
	Undergrowth, sagebrush and shadscale. Good farming and grazing land in canyon.
	N. $0^{\circ}01'W.$, on true line bet. secs. 2 and 3.
	Over broken land in Ferron Canyon, descending through scattering scrub cedar and pinon timber and sagebrush undergrowth.
11.75	Road, bears E. and W.; follows along base of bluff on bank of Ferron Creek about 2 chs. E.
14.00	Ferron Creek, 1 ch. wide, 12 ins. deep, muddy water, swift current, 75 ft. below sec. cor., course E.
27.00	Leave canyon, bears E. and W.; ascend S. slope of low bench.
28.15	Top of bench, 60 ft. above creek, bears E. and W.
38.40	Gulch, 50 ft. deep, drains SW.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and in large mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked
	S3 | S2
	1921
	A pinon, 8 ins. diam., bears S. $68^{\circ}E.$, 38 lks. dist., marked $\frac{1}{2}$ S 2 B T
	A pinon, 5 ins. diam., bears S. $78^{\circ}W.$, 136 lks. dist., marked $\frac{1}{2}$ S 3 B T
43.70	Gulch, 35 ft. deep, drains SW.
51.75	Point, 40 ft. above $\frac{1}{2}$ sec. cor., projects NE. about 1 ch. distant.
54.65	Same gulch, drains SE.; ascend.
62.60	Spur, 40 ft. above gulch, projects E.; descend.
66.80	Small gulch, drains E.
74.50	Small gulch, drains E.; begin precipitous ascent over

Subdivision of T.20 S., R.6 E.

chains

break of mountain; slope covered with large sandstone boulders.

95.79

Intersect N. bdy. of the tp., 5.52 chs. east of the witness cor. to cor. of secs. 2, 3, 34 and 35 which is an iron post, 3 ins. diam., firmly set in the ground and mound of stone and marked and witnessed as described by the surveyor general.

I destroy all marks on this cor. pertaining to T.20 S. and remark cor. as follows:

T19S	R6E
S34	S35
WC —————	
S3	
T20S	
1910	

The true point for cor. of secs. 34 and 35 is 20 lks.

west and falls on a large sandstone boulder.

The point for the closing cor. of secs. 2 and 3 falls on steep clay bluff where cor. cannot be set, therefore, at a point 40 lks. E. of true cor. point,

Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for witness cor. to the closing cor. of secs. 2 and 3, with brass cap marked.

T19S	R6E
S35	
WC —————	

S3	S2
----	----

T20S	R6E
------	-----

CC

1921

from which

A sandstone boulder, 5x8x10 ft., marked XS2BQ

Bears S.63°15'E., 132 lks. distant

A sandstone boulder, 5x10x20 ft., marked XS2BQ
bears S:37°30'W., 26 lks. distant.

Cor. stands on steep talus slope of mountain about 5 chs.

S. of high ledge and break of mountain, and, 555 ft.

above draw at .74.50 chs.

Land, rolling and broken canyon bottom and rough breaks of canyon; general S. exposure and drainage to canyon which drains E.

Subdivision of T.20 S., R.6 E.

chains and	Soil, brown and blue clay and rocky of sandstone formation; subsoil, clay and rock.
	Timber, scattering scrub cedar and pinon.
	Undergrowth, sagebrush and shadscale. Fair grazing in canyon bottom.
	From the standard cor. of secs. 33 and 34 on the S. bdy. of the trpt., which is an iron post, 2 in. in dia., firmly set in the ground and mound of stone, with brass cap marked
	S C T20S | R6E S33 | S34
	0185 1919
	from which N. 30° 30' E. 200 ft. along south side of draw A pinon, 8 ins. diam., bears N. 59 $\frac{1}{2}$ ° E., 39 lks.
	dist., marked S.C. T. 20 S. R. 6 E. S. 34 B. T.
	A pinon, 12 ins. diam., bears N. 58 $\frac{1}{2}$ ° W., 107 lks.
	dist., marked S.C. T. 20 S. R. 6 E. S. 33 B. T.
	N. 0° 01' W., bet. secs. 33 and 34. Face north as sec. cor.
	Over mountainous land through pinon and cedar timber and undergrowth of sagebrush. Gradually ascended along S. and E. slopes. Rocking chair used at 317.6 ft. above sea level.
3.95	New road, from Emery, Utah to sawmill, bears E. and W.
6.40	Head of draw, 35 ft. deep, drains E.; ascend S. slope.
25.85	Leave timber, bears E. and W.
29.00	Top of small bench, 265 ft. above sec. cor., bears E. and W.; thence across bench.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked
	S C S33 | S34
	Face north as sec. cor. 1921. Grade no. 1000 ft. from which iron post set in ground to 300 ft.
	A mahogany, 5 ins. diam., bears N. 69 $\frac{1}{2}$ ° E., 130 lks.
	dist., marked $\frac{1}{2}$ S. 34 B. T.
	A mahogany, 8 ins. diam., bears S. 71 $\frac{1}{2}$ ° W., 122 lks.
	dist., marked $\frac{1}{2}$ S. 33 B. T.

Subdivision of T.20 S., R.6 E.

chains	Begin ascent steep SE. slope of mountain through scattering timber and undergrowth, bears NE. and SW.								
58.35	Limestone ledge, 40 ft. high, bears N.60°E. and S.60°W.								
67.00	Top of ascent on SE. point of high ridge, 465 ft. above $\frac{1}{4}$ sec. cor., bears N. and SW.; leave timber, bears with ridge; thence along E. slope.								
80.00	On E. brink of ridge, bears N. and S. Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a large mound of stone for cor. of secs. 27, 28, 33 and 34, with brass cap marked								
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T20S</td><td>R6E</td></tr> <tr> <td>S28</td><td>S27</td></tr> <tr> <td colspan="2"><hr/></td></tr> <tr> <td>S33</td><td>S34</td></tr> </table>	T20S	R6E	S28	S27	<hr/>		S33	S34
T20S	R6E								
S28	S27								
<hr/>									
S33	S34								
	1921								
	Land, mountainous; general S. exposure and drainage.								
	Soil, brown loam, gravelly and rocky of limestone and sandstone formation; subsoil, dry clay loam and rock.								
	Timber, dense pinon and cedar on S. 25.85 chs., scattering cluster of mahogany and pine on remainder of mile.								
	Undergrowth, sagebrush and scattering service berry brush.								
	Good grazing land.								
	The cor. of secs. 26, 27, 34 and 35 is plainly visible, I run for said cor., N.89°58'E., on a random line bet. secs. 27 and 34.								
40.00	Set temp. $\frac{1}{4}$ sec. cor.								
80.06	Intersect the cor. of secs. 26, 27, 34 and 35. Thence S.89°58'W., on true line bet. secs. 27 and 34.								
	Over mountainous land through scattering pinon, cedar and mahogany timber and undergrowth of sagebrush.								
14.00	W. brink of top of Nelson Mountain, 75 ft. below sec. cor., bears N. and S., enter dense timber, bears N. and S.; descend abruptly W. slope.								
40.03	On S. slope at base of steep descent of mountain, 525 ft. below brink.								

Subdivision of T. 20 S., R. 6 E.

	chains	Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
		S 27 $\frac{1}{4}$ S 34 1921
		from which
		A pinon, 14 ins. diam., bears N. 62° E., 103 lks. dist., marked $\frac{1}{4}$ S 27 B T
		A pinon, 6 ins. diam., bears S. 73° W., 175 lks. dist., marked $\frac{1}{4}$ S 34 B T
		Gradually descend along S. slope.
47.10		Draw, heads at low pass in mountain to the N. and drains S.; leave dense timber, bears N. and S.; ascend E. slope.
80.06		The cor. of secs. 27, 28, 33 and 34, 525 ft. above $\frac{1}{4}$ sec. cor. Land, mountainous; slopes and drains E. and W. to draw at 47.10 chs. which drains S. Soil, brown mountain loam and rocky of sandstone and limestone formation; subsoil, loam and rock. Timber, pinon, cedar and scattering mahogany, chiefly in the east half of mile. Undergrowth, sagebrush and scattering clusters of service berry brush. Good grazing land.
		N. $0^{\circ}01'W.$; bet. secs. 27 and 28.
		Over level top of E. brink of high ridge through sagebrush undergrowth.
11.60		Brink of mountain and enter dense pine and fir timber, bears NW. and S. 5° E.; descend abruptly NE. slope.
19.00		Leave pine and fir timber, bears N. 15° W. and S. 15° E.
28.00		Base of steep descent, 430 ft. below brink of mountain, bears NW. and SE.; thence over rolling and broken land sloping N.
40.00		Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

Subdivision of T.20 S., R.6 E.

chains

S28 | S27

1921

from which

A mahogany, 4 ins.diam., bears S.52 $^{\circ}$ E., 73 lks.dist.,marked $\frac{1}{2}$ S 27 B TA mahogany, 4 ins.diam., bears S.53 $^{\circ}$ W., 107 lks.dist.,marked $\frac{1}{2}$ S 28 B T

45.50 Top of low, rocky knoll, bears NW. and SE.

74.70 Begin steep descent NE. slope, bears NW. and SE.

80.00 On a small bench, 250 ft. below $\frac{1}{2}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins.
in the ground for cor. of secs. 21,22,27 and 28, with
brass cap marked

T20S | R6E

S21 | S22

S28 | S27

1921

from which

A pinon, 4 inn.diam., bears S.80 $^{\circ}$ E., 127 lks.

dist.,marked T 20 S R 6 E S 27 B T

A pinon, 6 ins.diam., bears S.2 $^{\circ}$ W., 196 lks.

dist.,marked T 20 S R 6 E S 28 B T

A pinon, 6 ins.diam., bears N.78 $^{\circ}$ W., 184 lks.

dist.,marked T 20 S R 6 E S 21 B T

No other trees available.

Raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft.high, W.of cor.

Land, mountains; general N. exposure and drainage.

Soil, brown clay loam and rocky of limestone formation;
subsoil, dry clay and rock.Timber, dense pine and fir on 7.40 chs., very scattering
mahogany and cedar and pinon on remainder of mile.Undergrowth, sagebrush and scattering clusters of service
berry brush. Good grazing land.N.89 $^{\circ}58'$ E., on a random line bet. secs. 22 and 27.

40.00

Set temp. $\frac{1}{2}$ sec. cor.

Subdivision of T.20 S., R.6 E.

chains	
80.00	Intersect N. and S. line 17 lks. N. of the cor. of secs. 22, 23, 26 and 27. Thence N. 89° 55' W., on true line bet. secs. 22 and 27. Gradually descend over nearly level top of "Nelson Mountain", through dense mahogany, pinon and cedar timber and undergrowth of sagebrush.
11.35	West brink of mountain, bears N. and S.; descend abruptly over ledges.
25.00	Ledge, 50 ft. high, bears N. and S.; leave dense timber and begin more gradual descent W. slope.
40.00	On W. slope 800 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. in dia., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	S 22 $\frac{1}{4}$ S 27 1921
	from which
	A yellow pine, 32 ins. diam., bears S. 66° W., 185 lks. distant, marked $\frac{1}{4}$ S 27 B T
	A pinon, 10 ins. diam., bears N. 35° W., 299 lks. dist., marked $\frac{1}{4}$ S 22 B T
42.00	Canyon, 35 ft. below $\frac{1}{4}$ sec. cor., drains N.; ascend.
55.30	Ridge, 100 ft. above canyon, bears N. and S.; descend.
69.80	Bottom of draw and wash, 20 lks. wide, 10 ft. deep, 40 ft. below ridge, drains N.; ascend E. slope 115 ft.
80.00	The cor. of secs. 21, 22, 27 and 28. Land, mountainous, very rough on portion of E. $\frac{1}{2}$ mile; general N. exposure and drainage. Soil, brown loam and rocky of sandstone formation; subsoil, moist mountain loam and rocky. Timber, cedar, pinon and mahogany, very dense on E. 25.00 chs., scattering on remainder of mile. Undergrowth, sagebrush and clusters of service berry brush. Good grazing land. N. 0° 01' W., bet. secs. 21 and 22.

Subdivision of T.20 S., R.6 E.

chains	Gradually descend over rolling mountainous land sloping N., through sage and service berry brush.
29.00	Wash. 30 lks. wide, 12 ft. deep, drains NE.
40.00	On gentle N. slope, 350 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S21 | S22
	1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
45.00	Enter medium growth of pinon and cedar timber, bears E. and W.
60.25	Bottom of canyon and stream, 2 lks. wide, 1 in deep, good water, 200 ft. below $\frac{1}{4}$ sec. cor., drains NE.; ascend SE. slope.
75.70	Top of ascent and small bench, 75 ft. above canyon, bears E. and W.; leave timber, bears E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, with brass cap marked
	T20S | R6E S16 | S15 ---|--- S21 | S22
	1921
	from which
	A cedar, 8 ins. diam., bears N. $71\frac{1}{2}^{\circ}$ E., 378 lks. dist., marked T 20 S R 6 E S 15 B T
	A cedar, 10 ins. diam., bears S. $61\frac{1}{2}^{\circ}$ E., 382 lks. dist., marked T 20 S R 6 E S 22 B T
	No other trees available.
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, mountainous; general NE. exposure and drainage. Soil, rich, brown, mountain loam streaked with rock of sandstone and limestone formation; subsoil, moist clay loam and rocky.
	Timber, cedar and pinon on north central part of mile. Undergrowth, sage and service berry brush. Good grazing.

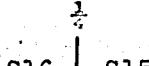
Subdivision of T.20 S., R.6 E.

chains

- S.89°55' E., on a random line bet. secs. 15 and 22.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.96 Intersect N. and S. line 5 lks. S. of the cor. of secs. 14, 15, 22 and 23.
- Thence N.89°57' W., on true line bet. secs. 15 and 22.
- Over rough mountainous land through scattering scrub cedar and pinon timber and sagebrush undergrowth.
- Ascend NE. slope.
- 3.20 Spur, 70 ft. above cor., projects N.; thence along N. slope.
- 9.65 Gulch, small seep in bottom of same, drains N. about 1 ch. thence NE.; ascend.
- 14.60 Leave timber, bears N. and S.
- 18.40 Top of conglomerate ledge and spur, 455 ft. above sec. cor., projects N.; thence along rough, ledgy and broken N. slope of Dry Canyon.
- 39.98 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
- S 15
 $\frac{1}{4}$ S 22
1921
- from which
- A pinon, 8 ins. diam., bears N.87 $\frac{1}{2}$ ° E., 111 lks. dist., marked $\frac{1}{2}$ S 15 B T
- A cedar, 4 ins. diam., bears S.12° E., 224 lks. dist., marked $\frac{1}{2}$ S 22 B T
- 41.10 Rocky point, projects NW.; descend abruptly W. slope.
- 50.80 Bottom of Dry Canyon and wash; 80 lks. wide, 5 ft. deep, 345 ft. below point, drains N. about 6 chs., thence NE.; ascend abruptly over ledges.
- 58.00 Top of W. brink of canyon, 265 ft. above bottom and enter dense timber, bears NE. and SW.; thence over rolling bench land.
- 60.60 Thence along gentle S. slope.
- 74.60 Leave timber, bears NW. and SW.
- 79.96 The cor. of secs. 15, 16, 21 and 22.

Subdivision of T.20 S., R.6 E.

chains

- Land, rough mountainous on E. 58.00 chs. and rolling bench on remainder of mile; general N. exposure and drainage.
- Soil, brown and blue clay and rocky of sandstone formation subsoil, dry, sandy clay and rock.
- Timber, cedar and pinon.
- Undergrowth, sage and scattering service berry brush.
- Fair grazing on western portion of mile.
- N. 0°01' W., bet. secs. 15 and 16.
- Over mountainous land through undergrowth of sagebrush.
- Gradually descend across bench.
- 7.80 Draw, 60 ft. below cor., drains E.; enter dense cedar and pinon timber; bears E. and W.; ascend S. slope.
- 36.50 Ridge, 265 ft. above draw, bears E. and W.; leave timber bears with ridge; gradually descend N. slope.
- 40.00 On N. slope 35 ft. below ridge.
- Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

 $\frac{1}{4}$
 1921
- from which
- A pinon, 6 ins. diam., bears N. 79° E., 175 lks.
 dist., marked $\frac{1}{4}$ S 15 B T
- A pinon, 8 ins. diam., bears S. 33 $\frac{3}{4}$ ° W., 285 lks.
 dist., marked $\frac{1}{4}$ S 16 B T
- 49.00 Shallow draw, drains NE.; gradually ascend.
- 54.80 Low spur, projects NE.; descend N. slope.
- 68.00 Enter dense pinon and cedar timber, bears E. and W.
- 76.80 Draw, 385 ft. below $\frac{1}{4}$ sec. cor., drains NW.; thence over broken ground.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 9, 10, 15 and 16; with brass cap marked

Subdivision of T.20 S., R.6 E.

chains.

T20S | R6E

S9 | S10

S16 | S15

1921

from which

A pinon, 7 ins.diam., bears N.54°E., 64 lks.

dist., marked T 20 S R 6 E S 10 B T

A pinon, 12 ins.diam., bears S.29°E., 21 lks.

dist., marked T 20 S R 6 E S 15 B T

A pinon, 8 ins.diam., bears S.45°W., 108 lks.

dist., marked T 20 S R 6 E S 16 B T

A pinon, 5 ins.diam., bears N.50°W., 45 lks.

dist., marked T 20 S R 6 E S 9 B T

Land, mountainous; general N. and S. exposure and drain-

age from ridge at 36.50 chs.

Soil, brown mountain loam and rocky of sandstone forma-

tion; subsoil, moist, brown loam and rock.

Timber, cedar and pinon.

Undergrowth, sagebrush and service berry brush.

Good grazing land.

S.89°57'E., on a random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect the cor. of secs. 10,11,14 and 15.

Thence

N.89°57'W., on true line bet. secs. 10 and 15.

Over rough mountainous land through cedar and pinon timber
and undergrowth of sagebrush and service berry brush.

Ascend abruptly E. slope over small sandstone ledges.

7.00 Spur from "Little Nelson Mountain," projects N.80°E.;
continue ascent over ledges and boulders on E. and N.
slopes of mountain.19.00 Top of small flat top of "Little Nelson Mountain", 600 ft.
above sec. cor., bears N. and S.; descend precipitous
W. slope 500 ft. to40.00 Point for $\frac{1}{4}$ sec. will fall on sandstone boulder where cor.
cannot be set, therefore, at this point,
Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in

Subdivision of T.20 S., R.6 E.

chains	<p>the ground on solid rock and 12 ins. in a mound of stone for witness cor. to the $\frac{1}{2}$ sec. cor., with brass cap marked</p> <p style="text-align: right;">S 10 WC$\frac{1}{4}$ S 15 1921</p> <p>from which</p> <p>A pinon, 14 ins. diam., bears N.$\frac{1}{2}^{\circ}$E., 66 lks. dist., marked W C $\frac{1}{4}$ S 10 B T</p> <p>A pinon, 6 ins. diam., bears S.$55\frac{1}{2}^{\circ}$E., 58 lks. dist., marked W C $\frac{1}{4}$ S 15 B T</p>
40.05	Point for $\frac{1}{2}$ sec. cor. falls on boulder; no cor. set. Descend more gradually over W. slope.
54.15	Begin abrupt descent into gulch, bears N. and S.
58.00	Gulch, 230 ft. below $\frac{1}{2}$ sec. cor., course at bend from SE. to SW.; ascend.
59.55	Point of spur, projects SW.; descend.
60.65	Same gulch, drains NW.; ascend.
64.00	Low spur, projects NW.; descend.
71.50	Draw, 120 ft. below spur, drains NW.; thence over broken land sloping W.
80.10	The cor. of secs. 9, 10, 15 and 16. Land, rough mountainous; general W. and E. exposure and drainage from "Little Nelson Mountain;" very rough on E. $\frac{1}{2}$ mile.
	Soil, brown clay loam and rocky of sandstone formation; subsoil, clay and rock.
	Timber, pinon, cedar and scattering pine and mahogany.
	Undergrowth, sage and scattering service berry brush.
	Poor grazing.

	N. $0^{\circ}01'W.$, bet. secs. 9 and 10.
	Over mountainous land sloping W. and NW., through dense pinon and cedar timber and undergrowth of sagebrush and scattering service berry brush.
2.00	Small gulch, 35 ft. deep, drains W.; ascend.
4.10	Low point, projects W.; thence over broken ground.
23.00	Begin descent over N. slope into draw, bears E. and W.

Subdivision of T.20 S., R.6 E.

chains

- 35.00 Draw, 190 ft. below 23.00 chs. point, drains NW.; gradually ascend.
- 38.00 Low spur, projects NW.; gradually descend.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked

S9	S10
----	-----

1921

from which

A pinon, 6 ins.diam., bears N. $55\frac{1}{4}^{\circ}$ E., 73 lks.dist., marked $\frac{1}{2}$ S 10 B TA pinon, 10 ins.diam., bears N. $50\frac{3}{4}^{\circ}$ W., 45 lks.dist., marked $\frac{1}{2}$ S 9 B T

- 52.20 Leave timber and enter bottom of large canyon, bears NE. and SW.

62.70 Wash in canyon, 50 lks. wide, 5 ft. deep, drains NE.

67.25 Same wash, drains NW.; enter dense timber, bears NW. and SE.

70.00 Same wash, drains E.; thence along rocky E. slope.

- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for cor. of secs. 3,4,9 and 10, with brass cap marked

T20S	R6E
S4	S3
+	
S9	S10

1921

from which

A pinon, 8 ins.diam., bears N. 45° E., 31 lks.

dist., marked T 20 S R 6 E S 3 B T

A pinon, 8 ins.diam., bears S. 33° E., 62 lks.

dist., marked T 20 S R 6 E S 10 B T

A pinon, 10 ins.diam., bears S. $31\frac{1}{2}^{\circ}$ W., 50 lks.

dist., marked T 20 S R 6 E S 9 B T

A pinon, 12 ins.diam., bears N. $51\frac{1}{2}^{\circ}$ W., 60 lks.

dist., marked T 20 S R 6 E S 4 B T

Land, mountainous; general N. exposure and drainage.

Subdivision of T.20 S., R.6 E.

chains distance time elevation 40.00 80.15 7.90 13. 10 26.00 40.07 $\frac{1}{2}$ 49.40 62.15 69.10 71.45	<p>Soil, brown mountain loam and rocky of sandstone form. Timber, pinon and cedar. Undergrowth, sage and scattering service berry brush. Fair grazing land.</p> <p>S.89°57'E., on a random line bet. secs. 3 and 10.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p> <p>Intersect N. and S. line 5 lks. N. of the cor. of secs. 2, 3, 10 and 11.</p> <p>Thence N. 89°55'W., on true line bet. secs. 3 and 10.</p> <p>Over rough, broken land in bottom of S. side of Ferron Canyon, through very scattering cedar and pinon timber and shadscale undergrowth.</p> <p>Leave canyon, bears N. and S.85°E.; begin ascent over blue clay talus slope covered with sandstone boulders.</p> <p>Rocky spur, 100 ft. above sec. cor., projects N. about 3 chs. to lone butte capped with large sandstone rock; thence along N. slope.</p> <p>Begin ascent over steep NE. slope.</p> <p>On steep talus slope of "Little Nelson Mountain". Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <p style="text-align: center;">S 3 S 10 1921</p> <p>Unable to build accessories to cor. on account of steep slope of mountain.</p> <p>Ridge and N. point of "Little Nelson Mountain", ledge on E. side of ridge, 40 ft. high, 775 ft. above sec. cor. and 175 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; descend abruptly W. slope over large boulders and through dense pinon and cedar timber.</p> <p>Gulch, 350 ft. below ridge, drains N.; ascend.</p> <p>Rocky spur, 130 ft. above gulch, projects N.; descend.</p> <p>E. brink of canyon rimmed by ledges, bears NE. and SW.; descend abruptly.</p>
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Subdivision of T.20 S., R.6 E.

chains

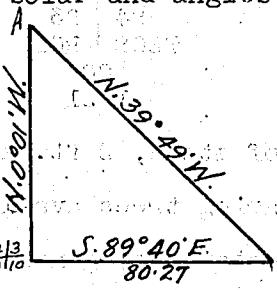
- 73.00 Bottom of canyon, 120 ft. below spur, drains NE.; ascend abruptly over ledges.
- 75.00 Top of ledges and W. brink of canyon, bears NE. and S.; thence over rocky bench sloping E.
- 80.15 The cor. of secs. 3,4,9 and 10, 125 ft. above canyon. Land, rough and rugged mountains and broken canyon bottom; general N. exposure and drainage. Soil, blue and brown clay and rocky sandstone formation; subsoil, dry clay and rock. Timber, cedar and pinon on east and west parts of mile. Undergrowth, shadscale. Poor grazing land.
- N.0°01'W., on true line bet. secs. 3 and 4.
- Over rough, rocky bench land through dense pinon and cedar timber and sagebrush undergrowth.
- 9.40 Shallow draw, drains E.
- 25.50 Top of sandstone ledge and brink of canyon, bears E. and SW.; descend abruptly.
- 27.00 Bottom of canyon, 50 ft. below brink, drains NE.; thence along rough, rocky E. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground on solid rock and 14 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked
- 1/2
 S4 | S3
 1921
- from which
- A pinon, 6 ins. diam., bears N.50°E., 47 lks.
dist., marked $\frac{1}{2}$ S 3 B T
- A pinon, 8 ins. diam., bears S.71°W., 70 lks.
dist., marked $\frac{1}{2}$ S 4 B T
- 48.20 Top of spur, projects NE.; precipitous descent N. slope over high ledges into Ferron Canyon down which I cannot chain. The line on N. side of Ferron Canyon passes over high ledges and breaks of canyon, and, being unable to secure a base line at this point

Subdivision of T.20 S., R.6 E.

chains

or in bottom of canyon, I make a triangulation across canyon as follows:

Set flag "A" N. $0^{\circ}01'W.$ on line at intersection with N. bdy. of the tp., then, from flag "A" the cor. of secs. 3,4,9 and 10 which is plainly visible bears S. $0^{\circ}01'E.$ I measure a base line from the cor. of secs. 3,4,9 and 10, S. $89^{\circ}40'E.$, 80.27 chs. distant to a point where flag "A" bears N. $39^{\circ}49'W.$ All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation = 95.85 chs.

The approximate topography from the 48.20 chs. point is:

Descend abruptly N. slope over high sandstone ledges.

65.00 Road, in Ferron Canyon, bears N. $60^{\circ}W.$ and S. $60^{\circ}E.$

66.00 Ferron Creek, 1 ch. wide, 10 ins. deep, muddy water, swift current, 800 ft. below spur, course E.; ascend precipitous slope over ledges and boulders.

92.00 Top of ledges, bears E. and W.; continue steep ascent.

95.85 To point of triangulation on S. slope of Ferron Canyon, 1000 ft. above creek.

Intersect N. bdy. of the tp., 5.58 chs. East of the cor. of secs. 3,4,33 and 34 which is an iron post, 3 ins. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.

I destroy all marks on this cor. that pertain to T.20 S., and remark cor. for secs. 33 and 34 as follows:

T19S	R6E
S33	S34

S4

T20S

1910

from which

A pinon, 8 ins. diam., bears N. $79\frac{1}{2}^{\circ}E.$, 73 lks.

Subdivision of T. 20 S., R. 6 E.

chains

dist., marked T. 19 S. R. 6 E. S. 34 B. T.
 A pinon, 5 ins. diam., bears N. $68\frac{1}{2}^{\circ}$ W., 42 lks.
 dist., marked T. 19 S. R. 6 E. S. 33 B. T.
 At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins.
 in. the ground for closing cor. of secs. 3 and 4, with
 brass cap marked

Stationed and recorded at T19SR6E. At about 1000 feet?

S34

S33

T20S	R6E
------	-----

CC

1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
 No suitable bearing trees available.

Land, rough mountainous, general N. and S. exposure and
 drainage into Ferron Canyon which drains E.

Soil, brown clay and rocky sandstone formation; sub-
 strata of soil, clay and rock.

Timber, pinon and cedar; dense on S. 25.00 chs. and
 scattering on remainder of mile. A few cottonwood along
 Ferron Creek.

Undergrowth, sagebrush. Poor grazing land.

Indications of coal along ledges on N. and S. sides of
 Ferron Canyon.

From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of
 the tp. which is an iron post, 2 ins. in dia., firmly
 set in the ground and mound of stone, marked on brass
 cap

SC

T20S	R6E
------	-----

S32	S33
-----	-----

1919

and marking solid, well into 100 feet. If woodcut
 avoided in 32 and 33, open cut into timber from
 which

A pinon, 10 ins. diam., bears N. 40° E., 50 lks.
 dist., marked S. C. T. 20 S. R. 6 E. S. 33 B. T.

A pinon, 10 ins. diam., bears N. 10° W., 16 lks.
 dist., marked S. C. T. 20 S. R. 6 E. S. 32 B. T.

N. $0^{\circ}02'W.$, bet. secs. 32 and 33.

Subdivision of T. 20 S., R. 6 E.

chains

- Over rough mountainous land through dense pinon and cedar timber and sage and service berry brush under-growth. Gradually ascend along rough, rocky E. slope.
- 12.40 Begin abrupt descent into canyon, bears E. and W.
- 16.60 Canyon, 90 ft. below sec. cor., drains E.; ascend abruptly.
- 34.00 Top of steep ascent; thence along gradual SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked

S32 | S33

1921

from which

A cedar, 16 ins. diam., bears S. $57\frac{1}{2}^{\circ}$ E., 59 lks.

dist., marked $\frac{1}{2}$ S 33 B T

A mahogany, 10 ins. diam., bears S. 26° W., 24 lks.

dist., marked $\frac{1}{2}$ S 32 B T

Cor. stands on SE. slope, 355 ft. above canyon; continue ascent.

48.00 Small wash in draw, drains S. 15° E.; thence ascend along draw and wash.

62.00 Leave wash, turns NW.; leave timber, bears E. and W.; ascend general S. slope.

80.00 On general SW. slope, 580 ft. above $\frac{1}{2}$ sec. cor.
Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 28, 29, 32 and 33, with brass cap marked

T20S | R6E

S29 | S28

S32 | S33

1921

from which

A pine, 24 ins. diam., bears S. 10° W., 127 lks.

dist., marked T 20 S R 6 E S 32 B T

No other trees available.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, mountainous; general S. exposure and drainage. Soil, rocky and shallow brown loam; subsoil, rocky.

Subdivision of T.20 S., R.6 E.

chains	Timber, pinon and cedar with a few scattering mahogany; dense on S. $\frac{1}{2}$ mile, scattering in north central part.
	Undergrowth, sagebrush, scattering service berry and buck brush. Fair grazing on N. $\frac{1}{2}$ mile.
	40.00 N. 89° 56' W., bet. secs. 28 and 33. Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line 9 lks. N. of the cor. of secs. 27, 28, 33 and 34.
	Thence N. 89° 56' W., bet. secs. 28 and 33.
	Gradually descend over rolling top of ridge through short sagebrush undergrowth.
30.20	Shallow draw, drains N.; gradually ascend.
40.05	Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	S 28 $\frac{1}{4}$ S 33 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
70.50	New road, Emery, Utah to sawmill, bears N. and S.
74.00	Top of ascent on ridge from "Flagstaff Mt.", bears N. and SE.; descend along S. and SW. slope.
80.10	The cor. of secs. 28, 29, 32 and 33. Land, rolling mountain top; general N. exposure and drainage on E. 74.00 chs.; S. exposure and drainage on remainder of mile.
	Soil, brown loam streaked with rock of sandstone and limestone formation; subsoil, clay and rock.
	No timber.
	Undergrowth, sagebrush. Good grazing land.
	N. 0° 02' W., bet. secs. 28 and 29.
	Over rolling mountainous land along general W. slope, through sagebrush undergrowth.
5.90	Head of shallow draw, drains SW.; ascend S. slope.

Subdivision of T.20 S., R.6 E.

chains							
24.00	Top of ridge from Flagstaff Mt., 90 ft. above draw, bears E. and W.; road from Emery, Ut. to Sawmill, bears E. and W.; gradually descend N. slope.						
25.60	A small aspen thicket, bears E. about 2 chs. distant.						
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T20S</td> <td>R6E</td> </tr> <tr> <td>S20</td> <td>S21</td> </tr> <tr> <td>S29</td> <td>S28</td> </tr> </table> 1921 from which A pine, 26 ins. diam., bears N. $66\frac{1}{2}^{\circ}$ E., 314 lks. dist., marked $\frac{1}{2}$ S 28 B T No other trees available. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.	T20S	R6E	S20	S21	S29	S28
T20S	R6E						
S20	S21						
S29	S28						
46.00	Leave top of ridge; enter dense pine and aspen timber, bears E. and W.; descend abruptly N. slope.						
51.00	Leave timber, bears NE. and W.						
54.20	Thence along general W. slope.						
63.00	Draw, 290 ft. below $\frac{1}{2}$ sec. cor., drains NE.; ascend.						
66.80	Low spur, projects NE.; descend N. slope 170 ft. to						
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap marked <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T20S</td> <td>R6E</td> </tr> <tr> <td>S20</td> <td>S21</td> </tr> <tr> <td>S29</td> <td>S28</td> </tr> </table> 1921 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, mountainous; N. and S. exposure and drainage from ridge at 24.00 chs.	T20S	R6E	S20	S21	S29	S28
T20S	R6E						
S20	S21						
S29	S28						
	Soil, brown loam streaked with rock of limestone and sandstone formation; subsoil, clay and rock.						
	Timber, scattering patches of pine and aspen.						
	Undergrowth, sagebrush. Good grazing land.						
	S. $89^{\circ}56'$ E., on a random line bet. secs. 21 and 28.						
40.00	Set temp. $\frac{1}{2}$ sec. cor.						

Subdivision of T.20 S., R.6 E.

chains	
80.26	Intersect the cor. of secs. 21, 22, 27 and 28. Thence ascend over mountainous land through scattering pinon and cedar timber and undergrowth of sage and service berry brush.
7.05	Spur, 100 ft. above cor., projects NE.; descend.
14.00	Draw, 70 ft. below spur, drains N.; ascend.
32.50	Spur, 120 ft. above draw, projects N.; descend.
40.13	On W. slope, 60 ft. below spur. Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	S 21 $\frac{1}{4}$ S 28 1921
40.20	from which
	An aspen, 8 ins. diam., bears S. $15\frac{1}{2}^{\circ}$ W., 115 lks. dist., marked $\frac{1}{2}$ S 28 B T
	An aspen, 6 ins. diam., bears N. $3\frac{3}{4}^{\circ}$ W., 63 lks. dist., marked $\frac{1}{2}$ S 21 B T
	From this cor. a spring of good water, bears S. $7^{\circ}30'W.$ 1.70 chs. distant.
41.20	Small stream, in bottom of draw, 30 ft. below $\frac{1}{4}$ sec. cor., course N.; ascend over low point.
46.00	Draw, drains NE.; ascend abruptly over E. slope.
62.00	Ridge, 340 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; desc.
64.00	Leave timber, bears N. and S.
75.00	Small spring in small aspen thicket, flows N.
80.26	The cor. of secs. 20, 21, 28 and 29, 75 ft. below ridge. Land, mountainous; general NE. exposure and drainage. Soil, brown loam and rocky of sandstone and limestone formation; subsoil, dry clay and rock. Timber, scattering pinon and cedar with occasional aspen thickets. Undergrowth, sage and service berry brush. Good grazing.
	N. $0^{\circ}02'W.$, bet. secs. 20 and 21.

Subdivision of T.20 S., R.6 E.

chains	Over mountainous land through undergrowth of sage and service berry brush. General elevation 5,000 ft.
5.70	Small wash, 35 ft. below sec. cor., drains W. about 5 inches. to main draw, thence N.; gradually ascend.
8.00	Low spur, 35 ft. above wash, projects W. from NE.; descend.
27.60	Main draw, 190 ft. below spur, drains E.; ascend.
36.75	Enter bench, 135 ft. above draw, bears E. and W.; gradually ascend.
40.00	Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked
	S20 | S21
	1921
42.50	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
57.00	Top of grassy ridge, 85 ft. above $\frac{1}{2}$ sec. cor., bears E. and W.; gradually descend.
77.90	Leave ridge; bears E. and W.; begin abrupt descent N. slope entering scattering pine timber.
80.00	On steep N. slope, 135 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground for cor. of secs. 16, 17, 20 and 21, with brass cap marked
	T20S | R6E S17 | S16 ----- S20 | S21
	1921
	from which follow only 100 ft. to right side of draw.
	A pine, 8 ins. diam., bears N. $49\frac{1}{2}^{\circ}$ E., 64 lks. dist., marked T 20 S R 6 E S 16 B T
	A pine, 10 ins. diam., bears S. 14° E., 131 lks. dist., marked T 20 S R 6 E S 21 B T
	A pine, 12 ins. diam., bears S. 28° W., 106 lks. dist., marked T 20 S R 6 E S 20 B T
	A pine, 12 ins. diam., bears N. $65\frac{1}{2}^{\circ}$ W., 80 lks. dist., marked T 20 S R 6 E S 17 B T
	Land, mountainous, general NE. exposure and drainage.

Subdivision of T.20 S., R.6 E.

chains	
	Soil, brown clay loam and rocky of sandstone and lime-stone formation; subsoil, clay and rock.
	Timber, pine on N. end of mile.
	Undergrowth, sage and service berry brush. Good grazing.
	S.89°56'E., on a random line bet. secs. 16 and 21. On N. The line E. follows along precipitous N. slope and points of ledges projecting N. along which I cannot chain; to pass same I offset as follows:
	South, 3.95 chs., then, on offset line, S.89°56'E., 24.68 chs., then, on N.
	North, 3.95 chs. to true random line at
24.68	Thence S.89°56'E., on true random line.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.30	Intersect N. and S. line 3 lks. S. of the cor. of secs. 15, 16, 21 and 22. Then set 30 ft. from N. line to cor. of 16, 21 and 22. Then set 30 ft. from S. line to cor. of 15, 16, 21 and 22. Then set 30 ft. from N. line to cor. of 15, 16, 21 and 22. Then set 30 ft. from S. line to cor. of 15, 16, 21 and 22.
	Thence N.89°57'W., on true line bet. secs. 16 and 21.
	Over mountainous land through undergrowth of sagebrush and scattering service berry and buck brush. Ascend.
6.60	Point of spur, 70 ft. above cor., projects NE.; descend along NW. slope.
12.60	Draw, about level with spur, drains NE.; enter cedar and pinon timber, bears NE. and SW.; ascend abruptly SE. slope.
20.30	Thence along more general E. slope.
40.15	On general E. slope 370 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked <u>1/4 S 21</u> . This is S. E. E. N. 2. On 1st per 1921. It is from which cap 1/4 mi. S. of cor. A pinon, 4 ins. diam., bears N.5°E., 32 lks. dist., marked <u>1/4 S 16 B T</u> . A pinon, 8 ins. diam., bears S.5 $\frac{1}{4}$ °E., 106 lks. dist., marked <u>1/4 S 21 B T</u> .
45.30	Leave timber, bears N. and S.

Subdivision of T. 20 S., R. 6 E.

79

chains	
45.80	Enter small bench, bears NE. and SW.
55.62	Point of offset to pass high ledges on N. edge of ridge. Thence
	South, 3.95 chs., then on offset line
	N. $89^{\circ}57'W.$, 80.30. chs. (counted from sec. cor.), then,
	North, 3.95 chs. to true line, on which, at
80.30	The cor. of secs. 16, 17, 20 and 21.
	Land, mountainous; E. exposure and drainage on E. 64.00 chs.; N. exposure and drainage on remainder of mile.
	Soil, brown loam and rocky of sandstone and limestone formation; subsoil, clay and rock.
	Timber, pinon and cedar on E. 45. chs. and pine on W. 14.00 chs.
	Undergrowth, sage, service berry and buck brush.
	Good grazing land.
	N. $0^{\circ}02'W.$, bet. secs. 16 and 17.
	Over rough N. slope of ridge, through pine timber and undergrowth of sage, service berry and buck brush.
	Descend abruptly.
5.10	Base of steep descent and leave timber, bears E. and W.; thence over broken N. slope over numerous small spurs and draws.
40.00	On gentle N. slope 500 ft. below sec. cor.
	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	S17 | S16
	1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
58.00	Small stream of water from Birch Spring, flows N. $15^{\circ}E.$ from S. $15^{\circ}E.$ waled
80.00	On N. slope 375 ft. below $\frac{1}{4}$ sec. cor.
	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 8, 9, 16 and 17, with brass

Subdivision of T.20 S., R.6 E.

chains	cap marked T20S R6E, 1600 ft. from cor. sec. 9. S8 S9 S17 S16 1921 from which draw no roads, no trees. A pine, 24 ins. diam., bears S.76° E., 249 lks. dist., marked T 20 S R 6 E S 16 B T A pine, 10 ins. diam., bears N.83½° W., 121 lks. dist., marked T 20 S R 6 E S 8 B T No other trees available. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, mountainous; N. exposure and drainage. Soil, brown loam and rocky of limestone formation; sub-soil, clay and rock. Timber, pine on S. 5.00 chs. and also very scattering on north portion of mile. Undergrowth, sage and service berry brush. Good grazing. S.89°57' E., on a random line bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 3 lks. N. of the cor. of secs. 9, 10, 15 and 16. Draw, descend grade to same. G.E.S. Thence N.89°56' W., on true line bet. secs. 9 and 16. Over rough mountainous land through dense pinon and cedar timber and undergrowth of sage and service berry brush. Descend: bet. NW. slopes, follow no drainage and Draw, drains NW.; continue descent. 100 ft. Draw, 100 ft. below cor., drains N.; ascend E. slope. Spur, 250 ft. above draw, projects NE.; thence along N. slope. Draw, drains NE.; ascend abruptly E. slope. Ridge, 330 ft. above draw, bears N. and S.; descend. On broken NW. slope 70 ft. below ridge. 2 more Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked 1921, 1600 ft. S.E. 1600 ft. N.W. 1600 ft. S.E. 1600 ft. N.W.
40.00	
80.36	
40.00	
80.36	
5.00	
11.80	
23.00	
26.75	
36.10	
40.18	

Subdivision of T.20 S., R.6 E.

chains	bordered and arid. At sec. cor. S. 9. 1/4 S 16 1921
	from which
	A pinon, 6 ins. diam., bears S. $42\frac{1}{2}$ ° W., 96 lks. dist., marked $\frac{1}{4}$ S 16 B T
	1/4 S 16 A. cedar, 15. ins. diam., bears N. $58\frac{1}{2}$ ° W., 65 lks. dist., marked $\frac{1}{4}$ S 9 B T
43.85	Draw, 35 ft. deep, drains NW.
51.90	Spur, projects N.; descend.
60.40	Gulch, 65 ft. deep, drains N.; thence over rough, broken bench land sloping N.
77.10	Small stream of good water from Birch Springs, course N.
80.36	The cor. of secs. 8, 9, 16 and 17, soon reaches draw.
	Land, mountainous; N. exposure and drainage.
	Soil, brown loam and rocky of limestone and sandstone formation; subsoil, dry clay and rock.
	Timber, pinon and cedar, dense on E. $\frac{1}{2}$ mile, scattering on W. $\frac{1}{2}$ mile.
	Undergrowth, sage and scattering service berry brush.
	Good grazing land.
102.00	N. 0°02' W., bet. secs. 8 and 9.
	Over mountainous land; through very scattering cedar and pinon timber and undergrowth of service berry brush.
	Gradually descend N. slope.
3.50	Small stream of good water from Birch Springs, course NW.
6.25	Begin steep descent NW. slope; subject to slides, bears NE. and SW. 1/4 S 9 B T
14.00	Bottom of canyon and stream, 4 lks. wide, 1 in. deep, good water, 200 ft. below sec. cor., course NE.; ascend abruptly SE. slope subject to land slides.
22.75	Enter dense timber, bears E. and W.
28.60	Spur, 175 ft. above canyon, projects NE.; leave timber, bears NE. and SW.; gradually descend.
36.60	Enter scattering timber, bears E. and W.
40.00	On N. slope, on dead cliff, elevation 6000 ft. Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in

Subdivision of T.20 S., R.6 E.

chains	the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S8 | S9 S89 $\frac{1}{2}$ from which 0.66 sec. cor. dist., marked $\frac{1}{4}$ sec. cor. 1921 A pinon, 6 ins. diam., bears S.8°E., 177 lks. dist., marked $\frac{1}{4}$ sec. cor. 1921 A pinon, 12 ins. diam., bears S.4°W., 120 lks. dist., marked $\frac{1}{4}$ sec. cor. 1921 Enter dense timber; bears E. and W. 04.00 Begin abrupt descent, bears E. and W. 04.00 Draw, 455 ft. below $\frac{1}{4}$ sec. cor., drains E.; ascend. 01.00 Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for cor. of secs. 4, 5, 8 and 9, with brass cap marked. 04.00 T20S. R6E. 04.00 S5 | S4 S8 | S9 1921 from which 0.66 sec. cor. 1921 A pinon, 8 ins. diam., bears N.21°E., 90 lks. dist., marked T 20 S R 6 E S 4 B T 03.00 A pinon, 5 ins. diam., bears S.88 $\frac{1}{2}$ °E., 93 lks. dist., marked T 20 S R 6 E S 9 B T 03.00 A pinon, 6 ins. diam., bears S.35 $\frac{1}{2}$ °W., 83 lks. dist., marked T 20 S R 6 E S 8 B T 03.00 A pinon, 14 ins. diam., bears N.16 $\frac{1}{2}$ °W., 68 lks. dist., marked T 20 S R 6 E S 5 B T 03.00 Land, mountainous; N. exposure and drainage. 00.00 Soil, brown loam and rocky sandstone formation; sub- soil, clay and rock. 00.00 Timber, pinon and cedar. 00.00 Undergrowth, sage and scattering service berry brush. 00.00 Good grazing land. 00.00 S.89°56'E., on a random line bet. secs. 4 and 9. 00.00 Set temp. $\frac{1}{4}$ sec. cor. 00.00
40.00	

Subdivision of T.20 S., R.6 E.

chains	
80.40	Intersect N. and S. line 12 lks. N. of the cor. of secs. 3, 4, 9 and 10.
	Thence N. $89^{\circ}51'W.$, on true line bet. secs. 4 and 9.
	Over rough mountainous land through dense pinon and cedar timber and undergrowth of sage and service berry brush.
	Ascend E. slope over sandstone ledges.
14.35	Top of ledges, bears N. and S.; continue ascent.
16.75	Top of ascent and edge of bench, 410 ft. above cor., bears N. and S.; thence over bench.
38.60	W. brink of bench, bears N. and S.; descend.
40.20	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S\ 4}{\frac{1}{4}\ S\ 9}$ 1921.
	from which point descend S. slope.
	A pinon, 8 ins. diam., bears N. $82^{\circ}E.$, 18 lks. dist., marked $\frac{1}{4}$ S 4 B T.
	A pinon, 8 ins. diam., bears S. $22\frac{3}{4}^{\circ}W.$, 42 lks. dist., marked $\frac{1}{4}$ S 9 B T.
	Continue descent W. slope.
72.00	Canyon, 600 ft. below $\frac{1}{4}$ sec. cor., drains N.; ascend broken E. slope 100 ft. to
80.40	The cor. of secs. 4, 5, 8 and 9.
	Land, rough mountains; general N. exposure and drainage.
	Soil, shallow brown loam and rocky of sandstone formation; subsoil, dry, sandy clay loam and rock.
	Timber, dense pinon and cedar.
	Undergrowth, scattering sage and service berry brush.
	Poor grazing land.

	N. $0^{\circ}02'W.$; on true line bet. secs. 4 and 5.
	Over mountainous land through dense pinon and cedar timber and scattering undergrowth. Ascend.
.50	Spur, projects E.; descend N. and NE. slopes.
12.65	Draw, 155 ft. below spur, drains NE.; thence along E. slope.

Subdivision of T.20 S., R.6 E.

chains	
19.25	Bottom of Canyon and stream, 4 lks. wide, 2 ins. deep; good water, 140 ft. below last draw, drains NW.; ascend rocky SW. slope.
21.90	Top of ascent on W. slope, 55 ft. above canyon; thence along general W. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked S5 | S4 1921
	from which A pinon, 10 ins. diam., bears N. $16\frac{1}{2}^{\circ}$ E., 76 lks. dist.; marked $\frac{1}{4}$ S 4 B T
	A pinon, 8 ins. diam., bears S. $80\frac{3}{4}^{\circ}$ W., 23 lks. dist., marked $\frac{1}{4}$ S 5 B T
42.50	Begin abrupt descent over ledges, bears NE. and SW.
50.80	Bottom of canyon and stream, 3 lks. wide, 2 ins. deep, good water, 140 ft. below $\frac{1}{2}$ sec. cor., course NE.; ascend abruptly over ledges.
53.70	Top of ledges, 60 ft. high, bears NE. and SW.; thence along E. slope.
66.60	Spur; 170 ft. above creek, projects SE.; thence over broken S. slope.
80.90	Sandstone ledge, 15 ft. high, bears E. and W.
82.30	Ridge, 105 ft. above spur, bears NE. and SW.; descend.
92.70	Draw, 140 ft. below ridge, drains NW.; gradually ascend.
95.69	Intersect N. bdy. of the tp., 5.21 chs. East of the cor. of secs. 4, 5, 32 and 33, which is an iron post, 3 ins. in dia., firmly set in the ground and mound of stone and marked and witnessed as described by the surveyor general.
	I destroy all marks on cor. that pertain to T. 20 S., and remark cor. as follows:
	T19S | R6E S32 | S33 S5 T20S | R7E 1910

Subdivision of T. 20 S., R. 6 E.

chains
the N.E. bdy
T 20 S R 6 E S 31 C C B T
from which
is a large A. pinon, 10 ins. diam., bears N. 58° E., 36 lks.
dist., marked T 19 S R 6 E S 33 B T
A pinon, 6 ins. diam., bears N. 69° W., 23 lks.
dist., marked T 19 S R 6 E S 32 B T
At point of intersection,
Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins.
in the ground on solid rock and 10 ins. in a mound of
stone for closing cor. of secs. 4 and 5, with brass
cap marked
T19SR6E
S33
S5 | S4
T20S | R6E
CC
1921
from which
A pinon, 8 ins. diam., bears S. 41° E., 31 lks.
dist., marked T 20 S R 6 E S 4 C C B T
A pinon, 10 ins. diam., bears S. 29 $\frac{1}{2}$ ° W., 96 lks.
dist., marked T 20 S R 6 E S 5 C C B T
Land, mountainous; general NE. exposure and drainage.
Soil, shallow brown loam and rocky of sandstone formation;
subsoil, rocky.
Timber, pinon and cedar.
Undergrowth, scattering sage and service berry brush.
Poor grazing land.
Indications of coal along ledges on both sides of line.
From the standard cor. of secs. 31 and 32 on the S. bdy.
of the tp., which is an iron post, 2 ins. in dia.,
extending 12 ins. above ground, firmly set, and marked
on brass cap
SC
T20S | R6E
S31 | S32
1919
from which
A pinon, 12 ins. diam., bears N. 79 $\frac{1}{2}$ ° E., 190 lks.
dist., marked S C T 20 S R 6 E S 32 B T

Subdivision of T.20 S., R.6 E.

chains

	A mahogany, 6 ins.diam., bears N. $25\frac{1}{2}$ ^o W., 412 lks. dist., marked S C T 20 S R 6 E S 31 B T N.0 ^o 03'W., bet. secs. 31 and 32.
	Over mountainous land through scattering pinon and mahogany timber and undergrowth of sagebrush.
.15	Draw, drains SW.; ascend S. slope.
11.20	Ridge, 180 ft. above draw, bears NE. and SW.; descend.
16.90	Leave timber, bears E. and W.
30.00	Draw and wash, 50 lks. wide, 20 ft. deep, 250 ft. below ridge, drains SW.; gradually ascend S. slope.
38.50	Enter scattering timber, bears E. and W.
40.00	On gentle S. slope 70 ft. above draw. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked
	S31 | S32 1921
	from which
	A pinon, 5 ins.diam., bears S. $10\frac{1}{2}$ ^o E., 170 lks. dist., marked $\frac{1}{2}$ S 32 B T
	A pinon, 4 ins.diam., bears N. $72\frac{1}{2}$ ^o W., 320 lks. dist., marked $\frac{1}{2}$ S 31 B T
57.65	Spur, 220 ft. above $\frac{1}{2}$ sec. cor., projects SE.; thence along E. and SE. slopes.
74.00	Leave scattering timber, bears E. and W.
75.30	Shallow draw, drains SE.; ascend S. slope.
80.00	On S. slope 240 ft. above spur. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 29, 30, 31 and 32, with brass cap marked
	T20 S | R6 E S30 | S29 ----- S31 | S32 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.of cor. Land, mountainous; S. exposure and drainage.
	Soil, brown clay loam and rocky of sandstone formation;

Subdivision of T. 20 S., R. 6 E.

chains	subsoil, dry sandy clay loam and rock.
	Timber, pinon and cedar, very scattering on portions of mile; also a few mahogany.
	Undergrowth, sagebrush. Good grazing land.
40.00	East, on a random line bet. secs. 29 and 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.16	Intersect N. and S. line 15 lks. N. of the cor. of secs. 28, 29, 32 and 33.
	Thence N. $89^{\circ}54'W.$, on true line bet. secs. 29 and 32.
	Over mountainous land through very scattering pine and cedar timber and undergrowth of sagebrush. Descend.
14.00	Wash, 40 lks. wide, 20 ft. deep, in draw, 165 ft. below sec. cor.; drains S.; ascend E. and SE. slopes.
40.08	On small bench, 310 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	S 29 $\frac{1}{4}$ S 32 1921
	from which
	A pinon, 16 ins. diam., bears S. $62^{\circ}W.$, 101 lks. dist., marked $\frac{1}{4}$ S 32 B. T.
	A mahogany, 5 ins. diam., bears N. $56^{\circ}W.$, 63 lks. dist., marked $\frac{1}{4}$ S 29 B. T.
42.10	Wash, at head of draw, drains SE.; ascend E. slope.
46.35	Spur, 120 ft. above $\frac{1}{4}$ sec. cor., projects S.; leave scattering timber, bears N. and SW.; descend.
70.85	Draw, 165 ft. below spur, drains S.; ascend 150 ft. to
80.16	The cor. of secs. 29, 30, 31 and 32.
	Land, mountainous; S. exposure and drainage.
	Soil, brown and blue clay and rocky of sandstone formation; subsoil, clay and rock.
	Timber, scattering pine, pinon and cedar on eastern portion of mile.
	Undergrowth, sage and scattering service berry brush.

Survey of Two Miles E.

	chains	Good grazing land.
		West, on a random line bet. secs. 30 and 31.
40.00	Set comp. & sec. cor.	
53.55	Intersect W. bdy. of the tp. 3 lks. N. of the cor. of secs. 30 and 31.	
	Thence	
	x:59°58'E., on true line bet. secs. 30 and 31.	
	Over mountainous land through dense sagebrush undergrowth.	
	Descend E. slope.	
14.60	Draw, 200 ft. below sec. cor., drains S.; small spring in draw, bears N. 1 ch. distant. Thence along S. slope.	
38.80	wash; 50 lks. wide, 25 ft. deep, in shallow draw, drains S.30°W.	
43.85	Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked	
	<u>S 30</u>	
	<u>{ S 31</u>	
	1921	
	from which	
	A pinon, 4 ins. diam., bears S.45°W., 220 lks. dint., marked $\frac{1}{2}$ sec. cor. B T line.	
	No other trees available.	
49.70	Ridge, 75 ft. above $\frac{1}{2}$ sec. cor., bears N. and S.; continues along broken E. slope.	
63.20	Draw, drains S.; ascend.	
73.60	Spur, 75 ft. above draw, projects S.; gradually descend.	
80.20	Wash, in shallow draw, drains SW.	
83.55	The cor. of secs. 29, 30, 31 and 32. Land, mountainous; S. exposure and drainage. Soil, shallow brown loam and rocky or bandstone forma- tion; subsoil, dry clay loam and rock.	
	Timber, a few scattering pinon and cedar on both sides of line.	
	Undergrowth, dense sagebrush. Good grazing land.	
	N.0°03'W., bet. secs. 29 and 30.	

Subdivision of T.20 S., R.6 E.

chains	
	Over mountainous land through sagebrush undergrowth.
22.80	Ascend S. slope of "Flagstaff Mt."; land subject to slides.
30.75	Enter medium growth of pine and aspen timber, bears NE. and SW.
39.00	Top of ridge and "Flagstaff Mt.", 470 ft. above sec. cor., bears E. and W.; gradually descend along NE. slope.
40.00	Leave timber, bears E. and W.
	On N. slope of mountain, 85 ft. below top.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked
	T20S | R6E S19 | S20
	Sec. cor. established 1921 from which
	A pine, 6 ins. diam., bears S.46° E., 152 lks. dist., marked $\frac{1}{2}$ S.29 B.T.
	A pine, 8 ins. diam., bears S.6° W., 174 lks. dist., marked $\frac{1}{2}$ S.30 B.T.
	Descend general NE. slope subject to land slides.
43.50	Road, Emery, Ut. to sawmill, bears E. and W.
50.00	Canyon, 200 ft. below $\frac{1}{2}$ sec. cor., drains E.; enter aspen thicket, bears E. and W.
56.00	Leave thicket, bears E. and W.; thence along broken E. slope gradually ascending.
70.00	Enter dense aspen and scattering pine timber, bears E. and W.
76.00	Leave dense timber, bears E. and W.
80.00	On small bench on E. slope of mountain.
	Set an iron post, 3 ft. long, 1 1/2 ins. in dia., 24 ins. in the ground for cor. of secs. 19, 20, 29 and 30, with brass cap marked
	T20S | R6E S19 | S20 ----- S30 | S29
	Sec. cor. established 1921 from which

Subdivision of T. 20 S., R. 6 E.

chains	A pine, 16 ins. diam., bears N. $3\frac{1}{2}$ ° E., 30 lks. dist., marked T 20 S R 6 E S 20 B T A pine, 6 ins. diam., bears S. $84\frac{3}{4}$ ° E., 105 lks. dist., marked T 20 S R 6 E S 29 B T A pine, 24 ins. diam., bears S. $41\frac{3}{4}$ ° W., 100 lks. dist., marked T 20 S R 6 E S 30 B T Aspens. 8 ins. diam., bears N. 44° W., 85 lks. dist., marked T 20 S R 6 E S 19 B T Land, mountainous; general N.E. and S. exposure and drainage from Flagstaff Mt. 30 ft. above road on sec. 20. Soil, brown clay and rocky sandstone formation; subsoil, moist, sticky clay and rock. Timber, pine and aspen on northern part of mile. Undergrowth, sage and service berry brush. Good grazing.
40.00	S. $89^{\circ}54'$ E., on a random line bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{2}$ sec. cor. 100 ft. above road
80.06	Intersect N. and S. line 5 lks. S. of the cor. of secs. 20, 21, 28 and 29. 100 ft. above road Thence west of sec. line again 400 ft. above road to S. $89^{\circ}56'$ W., on true line bet. secs. 20 and 29.
6.00	Over mountainous land through very scattering timber and undergrowth of sage and service berry brush.
26.70	Draw, drains N.; ascend abruptly E., slope 100 ft. above road
38.50	Ridge. 400 ft. above cor., bears N. and S.; descend.
38.50	Canyon and stream, 12 lks. wide, 1 in. deep, good water, 190 ft. below ridge, drains N.; dense pine and aspen timber along bottom of canyon; ascend.
40.03	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked
	S 20 position quo caprio $\frac{1}{2}$ S 29 Oct 1921 GCR G13
	from which
	An aspen, 6 ins. diam., bears N. 14° E., 121 lks. dist., marked $\frac{1}{2}$ S 20 B T 100 ft. above road

Subdivision of T.20 S.; R.6 E.

chains

	A pine, 6 ins.diam., bears S. $59\frac{1}{4}$ ^o E., 66 lks. dist., marked $\frac{1}{2}$ S 29 B T
	Ascend general E. slope of mountain subject to land slides.
80.06	The cor. of secs. 19,20,29 and 30, 625 ft. above $\frac{1}{4}$ sec. cor. Land, mountainous; general NE. exposure and drainage. Soil, brown clay loam and rocky of sandstone formation; subsoil, moist, sticky clay and rock. Timber, a few scattering pine and aspen. Undergrowth, sage and scattering clusters of service berry brush. Good grazing land.
	S. $89^{\circ}58'$ W., on a random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
83.35	Intersect W. bdy. of the tp., 14 lks. S. of the cor. of secs. 19 and 30.
	Thence S. $89^{\circ}56'$ E., on true line bet. secs. 19 and 30.
2.00	Over mountainous land through dense sagebrush undergrowth. Enter dense aspen and pine timber, bears NW. and SW.; ascend general W. slope.
21.10	Road, Emery, Utah, to sawmill, bears NW. and SE.
26.90	Top of ridge and "Flagstaff Mt.", 150 ft. above sec. cor., bears NW. and SE.; descend along N. and E. slopes through dense timber.
35.70	N. edge of small swamp about 2 chs. in diameter.
43.35	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S 19 S 30 1921 from which An aspen, 6 ins.diam., bears S. $16\frac{1}{2}$ ^o W., 41 lks.
	dist., marked $\frac{1}{2}$ S 30 B T
	An aspen, 8 ins.diam., bears N. 70° W., 93 lks. dist., marked $\frac{1}{2}$ S 19 B T

Subdivision of T.20 S., R. 6 E.

chains	
43.60	Enter small opening, bears S. 2 chs. and N. 5 chs. dist.
48.00	Enter dense timber, bears N. and S.
51.50	Leave timber, bears N. and S.; descend NE. slope.
56.20	Enter timber, bears NW. and S.
77.60	Small bog, about 1 ch. in diameter on line.
83.35	The cor. of secs. 19, 20, 29 and 30, 250 ft. below $\frac{1}{2}$ sec. cor. Land, mountainous; SW. and NE. exposure and drainage from "Flagstaff Mt". Soil, brown loam streaked with sandstone and limestone rock; subsoil moist clay and rock. Timber, dense pine and aspen.
	Undergrowth, sage and service berry brush. Good grazing.
	At 83.35' above elevation of base of spur, timber, N. 0° 0' W., bet. secs. 19 and 20.
	Gradually ascend along E. slope of mountain through very scattering pine and aspen timber and sagebrush under- growth.
31.70	High spur, about level with sec. cor., projects E.; descend over N. slope.
32.90	A small spring which flows N., bears W. 1 ch. distant.
40.00	On N. slope, 211 ft. below spur. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked S19 S20
	1921
	from which
	A pine, 6 ins. diam., bears N. 8° E., 252 lks. dist., marked $\frac{1}{2}$ S 20 B T
	A pine, 10 ins. diam., bears N. 4° W., 268 lks. dist., marked $\frac{1}{2}$ S 19 B T
42.00	Enter pine and aspen timber, bears E. and W.
46.00	Draw, 105 ft. below $\frac{1}{2}$ sec. cor., drains NE.; thence over gradual NE. slope.
70.90	Spur, 245 ft. below $\frac{1}{2}$ sec. cor., projects NE.

Subdivision of T. 20 S., R. 6 E.

- chains
74.50 Stream, 3 lks. wide, 2 ins. deep, good water, comes from
spring about 10 chs. SW. and drains NE.
80.00 On gentle N. slope.
Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins.
in the ground for cor. of secs. 17, 18, 19 and 20, with
brass cap marked
- | | |
|------|-----|
| T20S | R6E |
| S18 | S17 |
| S19 | S20 |
| 1921 | |
- An aspen, 6 ins. diam., bears N. 86° E., 416 lks.
dist., marked T 20 S R 6 E S 17 B T
An aspen, 6 ins. diam., bears S. $72\frac{1}{2}^{\circ}$ E., 340 lks.
dist., marked T 20 S R 6 E S 20 B T
An aspen, 6 ins. diam., bears N. $70\frac{1}{2}^{\circ}$ W., 291 lks.
dist., marked T 20 S R 6 E S 18 B T
No other trees available.
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, mountainous; general NE. exposure and drainage.
Soil, brown clay loam streaked with rock of sandstone
formation; subsoil, clay and rock.
Timber, scattering pine and aspen.
Undergrowth, sage and service berry brush. Good grazing.
S. $89^{\circ}56'$ E., on a random line bet. secs. 17 and 20.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line 7 lks. N. of the cor. of secs.
16, 17, 20 and 21.
Thence
N. $89^{\circ}53'$ W., on true line bet. secs. 17 and 20.
Over rough mountainous land through pine timber and
undergrowth of sage and service berry brush. Descend
along rugged N. and NW. slopes of ridge.
Draw, 100 ft. below sec. cor., drains N.; ascend abruptly
over ledges.
Top of ledges, 320 ft. high, bears N. and S.; continue

Subdivision of T. 20 S., R. 6 E.

chains	steep ascent.
25.00	Spur, 400 ft. above draw, projects N.; gradually descend; leave timber, enter dense undergrowth, bears N. and S.
31.00	Draw, 45 ft. below spur, drains N.; ascend.
36.00	Leave dense undergrowth and enter aspen timber, bears N. and S.
38.50	Leave timber, bears N. and S.
40.00	High spur, 565 ft. above draw at 16.00 chs., projects N. Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked <u>S 17</u> <u>S 20</u> 1921 from which
	An aspen, 7 ins. diam.: bears N. $70\frac{1}{2}^{\circ}$ E., 308 lks. dist., marked $\frac{1}{4}$ S 17 B T
	An aspen, 8 ins. diam.: bears S. $66\frac{1}{2}^{\circ}$ E., 198 lks. dist., marked $\frac{1}{4}$ S 20 B T
45.00	Descend over W. slope entering scattering aspen and pine timber.
55.80	Draw, 200 ft. below $\frac{1}{2}$ sec. cor., drains N.; ascend.
66.50	Leave timber, bears N. and S.
72.20	Spur, 260 ft. above draw, projects N.; gradually descend.
74.00	Enter aspen thicket, bears N. and S.
75.70	Leave aspen thicket, bears N. and S.; a small stream of good water at edge of thicket, flows N.
80.00	The cor. of secs. 17, 18, 19 and 20. Land, mountainous; N. exposure and drainage. Soil, brown loam and rocky of sandstone formation; sub-soil, moist clay and rock.
	Timber, scattering patches of pine and aspen.
	Undergrowth, sage and scattering clusters of service berry brush. Good grazing land.
	N. $89^{\circ}56'W.$, on a random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T:20 S., R.6 E.

chains dist. ncl 83.19	Intersect W. bdy. of the tp. 5 lks. N. of the cor. of secs. 18 and 19. Thence S.89°58'E., on true line bet. secs. 18 and 19.
waled 13.20	Gradually descend over E. slope of mountain through aspen timber and sagebrush undergrowth.
13.20	Leave timber, enter opening, bears N. and S.
26.20	Re-enter dense pine and aspen timber, bears NW. and S.; descend more rapidly over E. slope.
35.00	Begin abrupt descent E. slope through dense timber and patches of willow undergrowth.
43.19	On E. slope, 370 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked <u>S 18</u> <u>$\frac{1}{4}$ S 19</u> . 1921
43.19	from which An aspen, 6 ins. diam., bears S.26°E., 32 lks. dist., marked $\frac{1}{4}$ S 19 B T
43.19	An aspen, 6 ins. diam., bears N.34½°W., 117 lks. dist., marked $\frac{1}{4}$ S 18 B T
49.20	Leave timber, bears N. and S.; gradually descend through dense sagebrush.
68.20	Wide draw, drains NE.; enter dense aspen timber, bears NE. and SW.
79.70	Leave timber, bears NE. and SW.
83.19	The cor. of secs. 17, 18, 19 and 20, 455 ft. below $\frac{1}{4}$ sec. cor. Land, mountainous; general NE. exposure and drainage. Soil, brown clay loam streaked with rock of sandstone formation; subsoil, moist clay and rock. Timber, aspen and pine. Undergrowth, sage, scattering clusters of service berry and willow brush. Good grazing land. N.0°03'W., bet. secs. 17 and 18.
	Over mountainous land through dense sagebrush and scatter-

Subdivision of T.20 S., R.6 E.

chains	ing service berry brush. Scattering timber on both sides of line.
4.10	Wash, 30 lks. wide, 20 ft. deep, in draw, drains N.30°E.; ascend over low point projecting E.
19.50	Wash, 25 lks. wide, 20 ft. deep, in draw, 65 ft. below sec. cor., drains SE.; ascend abruptly S. slope.
34.85	Spur, 215 ft. above draw, projects E.; ascend gentle SE. and S. slopes.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked
	S18 | S17
	1921
	from which
	An aspen, 7 ins.diam., bears N.68 $\frac{1}{2}$ °E., 373 lks. dist., marked $\frac{1}{2}$ S 17 B T
	No other trees available.
54.20	Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.of cor. Ridge, 35 ft. above $\frac{1}{2}$ sec. cor., bears NE. and SW.; descend rolling NW. slope through scattering timber and dense sagebrush undergrowth.
80.00	On NW. slope, 320 ft. below ridge. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins.in the ground for cor. of secs. 7,8,17 and 18, with brass cap marked
	T20S | R6E
	S7 | S8
	1921
	from which
	A pine, 10 ins.diam., bears N.62°E., 334 lks. dist., marked T 20 S R 6 E S 8 B T
	A pine, 8 ins.diam., bears S.5°E., 200 lks. dist., marked T 20 S R 6 E S 17 B T
	A pine, 16 ins.diam., bears S.5 $\frac{1}{2}$ °W., 330 lks. dist., marked T 20 S R 6 E S 18 B T
	An aspen, 4 ins.diam., bears N.8 $\frac{1}{2}$ °W., 354 lks. dist., marked T 20 S R 6 E S 7 B T

Subdivision of T.20 S., R.6 E.

chains 40.00	Land, mountainous; NE. exposure and drainage. Soil, brown clay loam streaked with rock of sandstone formation; subsoil, moist clay loam and rock. Timber, scattering pine, aspen and a few cedar and pinon. Undergrowth, sage and service berry brush. Good grazing. S.89°53'E., on a random line bet: secs. 8 and 17.
79.90	Set temp. $\frac{1}{4}$ sec. cor.: Intersect N. and S. line 5 lks. S. of the cor. of secs. 8, 9, 16 and 17. Thence N.89°55'W., on true line bet: secs. 8 and 17. Over mountainous land through dense sage and service berry brush and scattering pinon and cedar timber. Along general N. slope.
12.00	Steep, rocky draw, drains N.; ascend abruptly E. slope over ledges and through dense timber.
38.40	Top of ledges and leave timber, 800 ft. above draw, bears N. and S.; gradually ascend E. slope.
39.95	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S 8 S 17 1921 from which A pine, 24 ins. diam., bears N.81 $\frac{1}{4}$ E., 248 lks. dist., marked $\frac{1}{4}$ S 8 B T
	A pine, 5 ins. diam., bears S.49 $\frac{1}{2}$ E., 49 lks. dist., marked $\frac{1}{4}$ S 17 B T
	Continue ascent E. slope.
55.50	Ridge, 330 ft. above $\frac{1}{4}$ sec. cor., bears N.10°E. and S. 10°W.; descend W. and NW. slopes through scattering timber 175 ft. to
79.90	The cor. of secs. 7, 8, 17 and 18. Land, mountainous; general N. exposure and drainage. Soil, brown clay loam and rocky of sandstone and limestone formation; subsoil, moist, brown clay and rock.

Subdivision of T.20 S., R.6 E.

chains	Timber, pinon cedar and pine, medium growth of eastern portion of mile, very scattering on western portion. Undergrowth, dense sagebrush and scattering service berry brush. Good grazing land.
	N. $89^{\circ}58'W.$, on a random line bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
83.18	Intersect W. bdy. of the tp. 5 lks. S. of the cor. of secs. 7 and 18.
	Thence
	S. $89^{\circ}56'E.$, on true line bet. secs. 7 and 18.
	Over mountainous land through aspen timber and under-growth of sagebrush and service berry brush. Ascend.
.40	Leave timber, bears N. and S.
3.40	Point of spur, 35 ft. above cor., projects N.; descend E. slope.
13.50	Enter aspen thicket, bears N. and S.
15.30	Leave dense timber, bears N. and S.
25.00	Draw, 270 ft. below spur, drains N.; leave timber, bears N. and S.; ascend E. slope.
39.90	Enter rolling top of spur, 100 ft. above draw, bears N. and S.
43.18	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked S 7 S 18 1921 from which
	An aspen, 6 ins. diam., bears N. $59^{\circ}E.$, 640 lks. dist., marked $\frac{1}{2}$ S 7 B T
	No other trees available.
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor. A small wash to N. of cor. prevents building mound of stone to the N.
53.80	Top of high spur, projects N.; enter aspen thicket, bears N. and S.; descend E. slope.
61.00	Leave timber, bears N. and S.

Subdivision of T.20 S., R.6 E.

chains	
75.60	Wash, 50 lks. wide, 30 ft. deep, in draw, 200 ft. below spur, drains NE.; gradually ascend.
83.18	The cor. of secs. 7,8,17 and 18.
base	Land, mountainous; NE. exposure and drainage.
soil	Soil, brown clay loam, streaked with rock of sandstone formation; subsoil, clay and rock.
timber	Timber, scattering aspen thickets.
undergrowth	Undergrowth, dense sage and scattering service berry brush. Good grazing land.

	N.0°03'W., bet. secs. 7 and 8.
over	Over mountainous land through dense sage and scattering service berry brush. Descend NW. slope.
5.00	Enter aspen thicket, bears NE. and SW.
5.40	Draw, 95 ft. below cor., drains NE.; leave aspen thicket bears NE. and SW.; ascend SE. slope.
12.50	Spur, 50 ft. above draw, projects E.; descend.
17.00	Draw, 50 ft. below spur, drains E.; ascend.
23.45	Top of ascent, bears E. and W.; gradually descend N. and NE. slopes.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	S7 | S8
	1921
	from which
	A pine, 7 ins. diam., bears S.29 $\frac{3}{4}$ °E., 208 lks.
	dist., marked $\frac{1}{4}$ S 8 B T.
	A pine, 8 ins. diam., bears N.31 $\frac{3}{4}$ °W., 306 lks.
	dist., marked $\frac{1}{4}$ S 7 B T.
	Continue descent N. and NE. slopes entering scattering timber.
50.55	Begin abrupt descent.
57.65	Top of ledge, bears NE. and SW.; descend abruptly into canyon.

Subdivision of T.20 S., R.6 E.

chains	
61.00	Bottom of canyon and stream, 2 lks. wide, 1 in. deep, good water, 500 ft. below $\frac{1}{4}$ sec. cor., course N.20°E.; ascend abruptly over ledges.
64.75	Top of ledges, 70 ft. above canyon, bears N.10°E. and SW., thence along rough, rocky E. slope through dense timber.
80.00	Set an iron post, 3 ft. lone, 2 ins. in dia., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for cor. of secs. 5,6,7 and 8, with brass cap marked
	T20S R6E S6 S5 1921
	from which
	A pinon, 6 ins.diam., bears N.61 $\frac{1}{2}$ °E., 28 lks. dist., marked T 20 S R 6 E S 5 B T
	A pinon, 10 ins:diam., bears S.44 $\frac{3}{4}$ °E., 31 lks. dist., marked T 20 S R 6 E S 8 B T
	A pinon, 14 ins.diam., bears S.25°W., 493 lks. dist., marked T 20 S R 6 E S 7 B T
	A pinon, 6 ins.diam., bears N.23°W., 63 lks. dist., marked T 20 S R 6 E S 6 B T
	Land, mountainous, very rough on N. $\frac{1}{2}$ mile; general N. exposure and NE. drainage.
	Soil, brown clay loam and rocky of sandstone formation; subsoil, clay and rock.
	Timber, pinon, cedar and scattering pine and aspen; very scattering on S. $\frac{1}{2}$ mile, dense on N. $\frac{1}{2}$ mile.
	Undergrowth, dense sage and service berry brush. Good grazing land on S. $\frac{1}{2}$ mile.
	S.89°55' E., on a random line bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.02	Intersect N. and S. line 12 lks. S. of the cor. of secs. 4,5,8 and 9.
	Thence

Subdivision of T.20 S., R.6 E.

chains	West, on true line bet. secs. 5 and 8.
	Over rough mountainous land through dense pinon and cedar timber and undergrowth of sagebrush and scattering service berry and buck brush. Ascend over broken E. slope.
6.50	Small gulch, drains NE.
10.80	Gulch, drains NE.
22.20	Begin steep ascent E. slope.
35.50	Spur, 600 ft. above sec. cor., projects N.; leave dense timber, bears N. and S.; descend.
40.01	On NW. slope. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	S 5 $\frac{1}{4}$ S 8 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
53.00	Draw, 110 ft. below spur, drains N.; ascend abruptly.
56.00	Sandstone ledges, 25 ft. high, bears N. and S.
58.25	Spur, 110 ft. above draw, projects N.; descend abruptly NW. slope.
72.50	Bottom of canyon and stream, 2 lks. wide, 1 in. deep, good water, 225 ft. below spur, drains NE.; enter dense pinon and cedar timber, bears NE. and S.; ascend abruptly E. slope over ledges and boulders 400 ft. to
80.02	The cor. of secs. 5, 6, 7 and 8. Land, rough mountainous; N. exposure and drainage. Soil, brown clay loam and rocky sandstone formation; subsoil, clay and rock. Timber, pinon and cedar, dense on E. and W. portions of mile. Undergrowth, sage, service berry and buck brush. Fair grazing land.
	N. $89^{\circ}56'W.$, on a random line bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
83.08	Intersect W. bdy. of the tp., 3 lks. S. of the cor. of secs. 6 and 7.

Subdivision of T.20 S., R.6 E.

chains	
	Thence S.89°55' E., on true line bet. secs. 6 and 7.
	Over mountainous land through very scattering pinon timber and sagebrush undergrowth.
1.50	Wash, 50 lks. wide, 20 ft. deep, in draw, drains N.; ascend W. slope.
13.00	Spur, 50 ft. above draw, projects NE., low saddle bears SW. about 5 chs. distant; descend E. slope.
43.08	On E. slope 265 ft. below spur. Set an iron post, 3 ft. long; 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked $\frac{S\ 6}{S\ 7}$ 1921
	from which
	A pinon, 14 ins. diam., bears N.74°E., 147 lks. dist.; marked $\frac{1}{2}$ S 6 B T
	A pine, 8 ins. diam., bears S.27°W.; 163 lks. dist.; marked $\frac{1}{2}$ S 7 B T.
46.00	Top of ledge and brink of canyon, 50 ft. below $\frac{1}{2}$ sec. cor., bears N.20°E. and S.20°W.; enter dense timber, bears with ledge; descend abruptly.
54.00	Canyon, 250 ft. below top of ledge, drains NE.; thence along N. and NW. slopes.
69.50	Point of mountain top and spur, projects and descends NE.; descend abruptly E. slope 330 ft. to
83.08	The cor. of secs. 5, 6, 7 and 8. Land, mountainous; NE. exposure and drainage. Soil, brown loam and rocky of sandstone formation; subsoil, dry clay and rock. Timber, pinon, cedar and pine, very scattering on W. $\frac{1}{2}$ mile and dense on E. $\frac{1}{2}$ mile. Undergrowth, sage and scattering service berry brush. Good grazing land on W. $\frac{1}{2}$ mile.
	N.0°03'E., on true line bet. secs. 5 and 6.
	Over rough mountainous land along E. and SE. slopes,

Subdivision of T.20 S.; R.6 E.

- chains
begin 36.00. To point of triangulation on N. side of canyon, top of ledge about 150 ft. high, through dense pinon and cedar timber and scattering undergrowth.
- To point of triangulation on N. side of canyon, top of ledge about 150 ft. high, through dense pinon and cedar timber and scattering undergrowth. The line north crosses a spur at about 12 chs. and a deep canyon at about 20.00 chs. the north side of which cannot be chained on account of high ledges, I therefore triangulate to N. side of canyon as follows:
- From the cor. of secs. 5,6,7 and 8, set flag "A" on line N.0°03'W. on N. side of canyon. Designate the cor. of secs. 5,6,7 and 8 "B" and measure a base line "BC" S.88°47'E. 44.50 chs. From point "C" flag "A" bears N.55° 03'W. All bearings taken by direct reading of the solar and angles checked by deflection.
-
- Distance by triangulation = 30.17 chs.
- 30.17 To point of triangulation on N. side of canyon and top of ledge about 150 ft. high, bears E. and W. Thence over rolling mountain top descending over general N. slope through cedar and pinon timber and sagebrush undergrowth.
- 37.00 Leave dense timber, bears NW. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked S6 S5
- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No suitable bearing trees are available.
- 40.95 Old road, bears E. and W.
- 47.05 Old road, bears N.80°E. and S.80°W.
- 50.00 Begin steeper descent N. slope.
- 64.65 Draw, 250 ft. below $\frac{1}{2}$ sec. cor., drains NW.; ascend.

Subdivision of T.20 S., R.6 E.

chains |

67.15 Low spur, about level with draw, projects NW.; old road on spur, bears NW. and SE.

95.84 Intersect N. bdy. of the tp., 5.36 chs. east of the cor. of secs. 5, 6, 31 and 32 which is an iron post, 3 ins. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.
I destroy all marks on cor. that pertain to T.20 S., and remark post as follows:

T19 S | R6E
S31 | S32

S6

T20S

1910

from which

A cedar, 6 ins. diam., bears N. $25\frac{3}{4}$ ° E., 91 lks.

dist., marked T 20 S R 6 E S 32 B T

A pinon, 5 ins. diam., bears N. $14\frac{1}{2}$ ° W., 106 lks.

dist., marked T 20 S R 6 E S 31 B T

At point of intersection,

Mark (X) on surface rock, and over same,

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone for closing cor. of secs. 5 and 6 with brass cap marked

T19SR6E
S32

S6 | S5

T20S | R6E

1921

No suitable bearing trees are available.

Land, rough mountainous on S. 30.17 chs., NE. exposure

and drainage; remainder of mile rolling mountains,

slopes and drains N.

Soil, brown loam and rocky of sandstone formation; subsoil, clay and rock.

Timber, pinon and cedar; dense on S. 37. chs. and scattering on remainder of mile.

Undergrowth, sage and scattering service berry brush.

Establishment of $\frac{1}{4}$ sec. cor.

N. bdy. of T.20 S., R.6 E.

chains	From the cor. of Tps. 19 and 20 S., Rs. 6 and 7 E., West, along S. bdy. sec. 36, T.19 S., R.6 E.
34.35	Easting of 40.00 chs. from closing cor. of secs. 1 and 2, T.20 S., R.6 E. and point for $\frac{1}{4}$ sec. cor. N. bdy. sec. 1. Point for cor. falls on precipitous slope where it is impracticable to set cor., therefore, at
37.57	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in witness cor. to the the ground for $\frac{1}{4}$ sec. cor. N. bdy. sec. 1, with brass cap marked
	WC ————— $\frac{1}{4}$ S1 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
40.00	Point for old $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36 on smooth ledge.
40.62	Intersect the witness cor. to the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36 which is an iron post, 1 in. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general. I remark cor. as follows:
	$\frac{1}{4}$ S 36 WC 1910
	Cor. witnessed by mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
74.35	The closing cor. of secs. 1 and 2, T.20 S., R.6 E.
80.00	The cor. of secs. 35 and 36. From the cor. of secs. 35 and 36.
	West, along S. bdy. sec. 35, T.19 S., R.6 E.
34.31 $\frac{1}{2}$	Point midway bet. the closing cor. of secs. 1 and 2 and the closing cor. of secs. 2 and 3, T.20 S., R.6 E. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. N. bdy. sec. 2, with brass cap marked

————— $\frac{1}{4}$ S2
1921

Establishment of $\frac{1}{4}$ sec. cor.
N. bdy. of T.20 S.,R.6 E.

chains

- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
- 40.00 The $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35 which is an iron post 1 in. in dia., firmly set in the ground, and marked and witnessed as described by the surveyor general.
- I remark cor. for $\frac{1}{4}$ sec. cor. S. bdy. sec. 35 as follows:
- $\frac{1}{4}$ S35
- 1910
- from which
- A cedar, 6 ins. diam., bears N. $10\frac{1}{2}^{\circ}$ W., 265 lks.
dist., marked $\frac{1}{4}$ S. 35 B T
- Destroy south bearing tree.
- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 73.88 Intersect witness cor. to the closing cor. of secs. 2 and 3, T.20 S.,R.6 E.
- 74.28 True point for closing cor. of secs. 2 and 3.
- 79.80 The witness cor. to the cor. of secs. 34 and 35.
- 80.00 The true cor. point for secs. 34 and 35.
- From true cor. point secs. 34 and 35.
- West, along S. bdy. sec. 34, T.19 S.,R.6 E.
- 34.35 Point for $\frac{1}{4}$ sec. cor. N. bdy. sec. 3, T.20 S.,R.6 E. midway bet. the closing cor. of secs. 2 and 3 and the closing cor. of secs. 3 and 4; point for cor. falls on inaccessible ledges; no cor. set.
- 35.63 Set a hard brown sandstone, 30 x 12 x 6 ins., 6 ins. in the ground and 18 ins. in a mound of stone for witness cor. to the $\frac{1}{4}$ sec. cor. N. bdy. sec. 3, marked WC $\frac{1}{2}$ on S. face; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
- 40.00 Point for $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34 falls on large boulder.
- 40.09 The witness cor. to the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34 which is an iron post, 1 in. in dia., firmly set in a mound of stone and marked and witnessed as described by the surveyor general.

Establishment of $\frac{1}{2}$ sec. cor.
N. bdy. of T.20 S., R.6 E.

chains 40.00	I destroy S. bearing tree and remark iron post for witness cor. to the $\frac{1}{2}$ sec. cor. S. bdy. sec. 34 as follows:
	$\frac{1}{2}$ S 34 WC 1910
	from which
	A pinon, 8 ins. diam., bears N.44°W., 35 lks. dist., marked W C $\frac{1}{2}$ S 34 B T
74.42	The closing cor. of secs. 3 and 4, T.20 S., R.6 E.
80.00	The cor. of secs. 33 and 34, T.19 S., R.6 E.
	From the cor. of secs. 33 and 34.
	West, along S. bdy. sec. 33, T.19 S., R.6 E.
34.60	Point midway bet. the closing cor. of secs. 3 and 4 and the closing cor. of secs. 4 and 5, T.20 S., R.6 E. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor. N. bdy. sec. 4, with brass cap marked.
	$\frac{1}{2}$ S 34 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
40.00	The $\frac{1}{2}$ sec. cor. bet. secs. 4 and 33 which is an iron post, 1 in. in dia., firmly set in the ground, properly marked but not witnessed. I remark this cor. for $\frac{1}{2}$ sec. cor. S. bdy. sec. 33, as follows:
	$\frac{1}{2}$ S 33 1910
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
74.79	The closing cor. of secs. 4 and 5, T.20 S., R.6 E.
80.00	The cor. of secs. 32 and 33, T.19 S., R.6 E.
	From the cor. of secs. 32 and 33.
	West, along S. bdy. sec. 32, T.19 S., R.6 E.
34.71 $\frac{1}{2}$	Point midway bet. the closing cor. of secs. 4 and 5 and the closing cor. of secs. 5 and 6, T.20 S., R.6 E.

Establishment of $\frac{1}{4}$ sec. cors.
N., bdy. of T. 20 S., R. 6 E.

chains	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground. for $\frac{1}{4}$ sec. cor., N. bdy. Sec. 5 marked.
	$\frac{1}{4}$ S 5 1921
	from which
	A cedar, 8 ins. diam., bears S.87°E., 191 lks. dist., marked $\frac{1}{4}$ S 5 B T
	A cedar, 6 ins. diam., bears S.54 $\frac{1}{2}$ °W., 53 lks. dist., marked $\frac{1}{4}$ S 5 B T
40.00	The $\frac{1}{4}$ sec. cor., bet. secs. 5 and 32 which is an iron post, 1 in. in dia., firmly set in the ground, marked and witnessed as described by the surveyor general.
	I remark cor. for sec. 32 as follows:
	$\frac{1}{4}$ S 32
	from which
	A pinon, 12 ins. diam., bears N.45°E., 18 lks. dist., marked $\frac{1}{4}$ S 32 B T
	A pinon, 14 ins. diam., bears N.29 $\frac{1}{2}$ °W., 53 lks. dist., marked $\frac{1}{4}$ S 32 B T
74.64	The closing cor. of secs. 5 and 6, T.20 S., R.6 E.
80.00	The cor. of secs. 31 and 32, T.19 S., R.6 E.
	From the cor. of secs. 31 and 32, T.19 S., R.6 E. West, along S. bdy. sec. 31
34.64	Westing of 40.00 chs. from the closing cor. of secs. 5 and 6, T.20 S., R.6 E.
	Set an sandstone, 34 x 22 x 17 ins. in center of large mound of stone, marked $\frac{1}{4}$ on S. face, for $\frac{1}{4}$ sec. cor. N. bdy. sec. 6; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.
	Iron post not available. - No suitable trees available.
40.00	The $\frac{1}{4}$ sec. cor. bet. secs. 6 and 31 which is an iron post, 1 in. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.

Establishment of $\frac{1}{4}$ sec. cors.
N. bdy. of T.20 S., R.6 E.

chains

I remark cor. for S. bdy. sec. 31 as follows:

$\frac{1}{2}$ S 31

1910

from which

A cedar, 6 ins. diam., bears N. $27\frac{1}{2}$ ° E., 82 lks.

dist., marked $\frac{1}{2}$ S 31 B T

No other suitable trees available.

77.51 The closing cor. of Tp. 20 S., Rs. 5 and 6 E.

79.41 The cor. of Tp. 19 S., Rs. 5 and 6 E.

LATITUDES, DEPARTURES AND CLOSING ERRORS.

Lines designated	True bearings	Dist- ances.	Latitudes		Departures	
			N chs	S chs	E chs	W chs
W.bdy.T20SR6E	South ✓	495.59	.....	495.59	.....	.....
S.bdy.T20SR6E	East ✓	483.63	.....	.....	483.63	.....
E.bdy.T20SR6E	North ✓	80.00	80.00	.....	.....	.....
"	N. $1^{\circ}18'$ W.	251.62	251.56	.....	.....	5.68
"	E. $0^{\circ}08'$ W.	80.16	80.16	.....	.....	.19
"	N. $0^{\circ}20'$ E.	84.32	84.32	.....	.49	.....
N.bdy.T20SR6E	West ✓	477.51	.....	.....	.....	477.51
Convergency						.59
			496.04	495.59	484.12	483.87
			495.59	.....	483.87	.....
Error in latitude = .45			Error in departure = .25			

GENERAL DESCRIPTION

With the exception of small areas of land along Ferron Creek in secs. 1, 2, 11 and 12, this township is rough and mountainous and is situated partly on top of the

Wasatch Plateau and the breaks of same. The land embraced in the plateau is high and mountainous the elevation being approximately 8000 ft. above sea; this top is cut by many canyons which head in the township and drain N. to Ferron Canyon, E. to Castle Valley and S. to Muddy Canyon. The main break of the plateau

occurs in secs. 1, 2, 3, 4, 10, 11, 14, 15, 22, 23, 26 and 36

General Description

and consists of high, nearly vertical sandstone ledges 100 to 300 ft. high; from these ledges the talus slope descends at an angle of about 45° to the low, broken bench lands in secs. 1, 12, 13, 24, 25 and 36 where the elevation is about 6000 ft. above sea.

The soil of the mountain top is a brown clay loam and lies on a moist, sticky clay subsoil. Considerable sandstone and limestone rock in form of boulders appear on the surface and especially on the slopes of the ridges the ground is very rocky. The soil of the talus slope and benches is a blue clay, the surface being strewn with sandstone boulders. Along Ferron Cr. in secs. 1, 2, 11 and 12 a considerable amount of rich loam soil is found.

On the highest parts of the township and on the sheltered slopes of the ridges in secs. 18, 19, 17, 20, 29 and 30 considerable red pine and aspen timber of commercial value is found. On the lower slopes of the mountain top pinon and cedar timber grows abundantly; the talus slopes are bare, and, reaching the lower bench lands only a short, scrubby growth of timber appears. Considerable sage, service berry and buck brush is found on the mountain top, the lower slopes support only a short, scant growth of shadscale.

The township is well watered by Ferron Cr. and its many tributaries. Ferron Cr. enters the township in sec. 4 and leaves in sec. 12. All of the water from this creek is used for irrigation in Castle Valley to the east.

Jos. A. Peterson is living in sec. 2 and has under cultivation small parcels of land in secs. 1, 2, 11 and 12.

His improvements are; a frame house, barn, corrals, irrigation ditches, fences and is cultivating about 60 acres of land.

A small parcel of land in the S. $\frac{1}{2}$ of the SE $\frac{1}{4}$ of sec. 1 along Ferron Cr. is being cultivated, the owner's name is unknown.

General Description.

There are numerous indications of coal along the base of the ledges on the breaks of the Wasatch Plateau and also along the slopes of Ferron Canyon. This is a bituminous coal and appears in the form of small veins from 1 to 2 ft. thick. Indications appear in the SE. $\frac{1}{4}$ of sec. 34; SW $\frac{1}{4}$ sec. 35; W $\frac{1}{2}$ sec. 36; NE $\frac{1}{4}$ sec. 35; E $\frac{1}{2}$; E $\frac{1}{2}$. SW $\frac{1}{4}$ and NW $\frac{1}{4}$ of sec. 23; E. $\frac{1}{2}$ of sec. 26; NE $\frac{1}{4}$ sec. 22; NW $\frac{1}{4}$ sec. 14; SW $\frac{1}{4}$ sec. 11; NE $\frac{1}{4}$ sec. 10; and along Ferron Creek in secs. 3 and 4; and E $\frac{1}{2}$ of sec. 5. The most prominent indications are in secs. 3, 4 and 5. The mountain top or plateau supports a good growth of rich grass and is excellent pasture for sheep or cattle during the summer months.

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BOOK A-459

4-680

FIELD ASSISTANTS.

CADASTRAL ENGINEER AND TRANSIT
CERTIFICATE OF UNITED STATES/SURVEYOR.

Walter H. Good, U.S. Transitman Cadastral Engineer
We, Howard W. Miller, U. S. Surveyor, hereby certify upon honor that, in pursuant
of special instructions received from the U. S. Surveyor General for Utah
bearing date of the 25th day of February, 1921, I have well, faithfully, and truly
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instru-
tions, and the laws of the United States, surveyed all those parts or portions of resurvey and surv-
of the East boundary, establishment of $\frac{1}{4}$ sec. cors. N. bdy. and
survey of the west boundary and subdivision of T. 20 S., R. 6 E.

of the Salt Lake Base
and Meridian, in the State of Utah, which are represented in
and date diagram the foregoing field notes as having been executed by me, and under my direction; and that all the corners of
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-
tions, and the special written instructions of the U. S. Surveyor General for Utah
and in the specific manner described in the field notes, and that the foregoing are the original field notes of
such survey. Certified to at Reno, Nev. Walter H. Good
this 5th day of April, 1922 U. S. Transitman
Certified to at Salt Lake City, Utah Howard W. Miller
this 5th day of April, 1922 U. S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

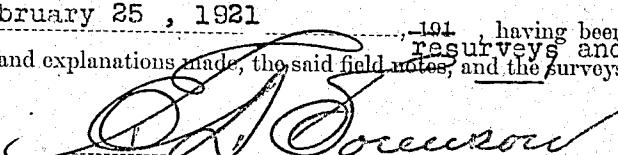
Salt Lake City, Utah, Oct. 31, 1921

The foregoing field notes of the survey of resurvey and survey of the east boundary
establishment of $\frac{1}{4}$ sec. corners on north boundary; and survey of the
west boundary and subdivisional lines of Township No. 20 South, Range
No. 6 East, of the Salt Lake Base and Meridian, Utah ;

executed by

Howard W. Miller and Walter H. Good

under his special instructions dated February 25, 1921, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys
they describe, are hereby approved.


U. S. Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in

, has been correctly copied from the original notes on file in this office.

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APR 6 1922

BOOK A-459

B

FIELD NOTES

OF THE ~~SALT LAKE CITY~~RETRACEMENT OF THE FOURTH STANDARD PARALLEL SOUTHTHROUGH RANGE 7 EAST AND RESURVEY ANDSURVEY OF THE SUBDIVISION OFT. 20 S., R. 7 E.Of the SALT LAKE BASE AND Meridian,In the State of UTAH

EXECUTED BY

HOWARD W. MILLER, U. S. CADASTRAL ENGINEER

~~XIXXXXXXX~~ under instructions dated FEBRUARY 25, 1921,
 issued by the United States Surveyor General to govern surveys included in
 Group No. 114, which were approved by the Commissioner of the General Land
 Office, MARCH 25 ¹⁹²¹ ~~1921~~ AND ASSIGNMENT INSTRUCTIONS DATED
JUNE 23, 1921.

Survey commenced JULY 8 ¹⁹²¹ ~~1921~~Survey completed SEPTEMBER 8 ¹⁹²¹ ~~1921~~

P.D.C.
B.S.
H.F.B.
F.B.J.
F.E.J.

K.R.M.A. H.F.O.

BOOK 1A-459

INDEX DIAGRAM.

Township 20 South, Range 7 East

6	17	5	11	4	3	2	1
14		11	13	11	11	11	
7		8	11	9	10	11	12
9							
18	8	17		16	15	14	13
16	8						
19	7	20		21	22	23	24
15	6						
30	3	5	29	28	27	26	25
3	4		3	3	3	3	3
31	3		32	33	34	35	36
2		2	2	2	2	2	2

BOOK A-459

4-679 b

INDEX DIAGRAM.

Township 205, Range 78.

6	433	5	428	4	3	2	1
430	427	427	427	427	427		
7	8	427	9	10	11	12	
426							
18	424	17	16	15	14	13	
432							
19	423	20	21	22	23	24	
422							
431							
80	419	29	28	27	26	25	
421							
419	419	419	419	419	419	419	
420							
81	419	32	33	34	35	36	
418	418	418	418	418	418	418	

6-1817

DATE DIAGRAM

6	7-11-21	5	4			
	9-3-21					
7-27-21	6-8-21	8-4-21	8-4-21	8-4-21		
8-23-21	8-23-21	9-3-21				
	8-4-21					
7						
7-9-21						
8-23-21						
18						
8-22-21	8-22-21					
8-23-21						
19						
8-23-21						
30						
8-28-21	8-23-21	8-23-21	8-23-21	8-26-21	8-26-21	
8-23-21						
31	8-27-21	32	33	34	35	36
	8-27-21					
8-27-21	8-27-21	8-26-21	8-26-21	8-26-21	8-26-21	

Survey commenced July 8, 1921 and executed with Buff and Buff transit No. 8964, 1913 model, with A-shaped standards; the instrument is equipped with full vertical circle and Smith solar attachment; unless otherwise specified all azimuth determinations are accomplished with the solar attachment. This township was surveyed in conjunction with T.20 S., R.6 E. of this group; for complete description of the tests of the instrument at the commencement and com-

2

Retracement of the Fourth Standard Parallel South, R.7 E.

chains

pletion of the survey see survey of T.20 S., R.6 E. The instrument was kept in good adjustment during the progress of the survey, frequent tests being made on the true meridian established by observations on Polaris July 3, 1921 and recorded in the field notes of the survey of T.20 S., R.6 E.

MEASUREMENTS

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes five and eight chains in length compared with a Lufkin standard steel tape one chain long and found correct. The measurements are made on the slope, the vertical angles determined by use of the clinometer and the slope distances are properly reduced to true horizontal distances.

RETRACEMENT OF THE FOURTH STANDARD PARALLEL SOUTH, R.7 E.

I begin at the standard cor. of Tps. 20 and 21 S., Rs. 7 and 8 E. which is an iron post, 3 ins. in dia., extending 12 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general.

Thence

- West, on a retracement line along S. bdy. of sec. 36.
40.00 No trace of the standard $\frac{1}{2}$ sec. cor. can be found, I therefore continue my line west making careful searches at intervals of 40.00 chs. for standard sec. and $\frac{1}{2}$ sec. cors. but fail to find any trace of same until, at, 484.45 Fall 9.30 chs. N. of the Standard Cor. of Tps. 20 and 21 S., Rs. 6 and 7 E. established by me and described in the field notes of T.20 S., R.6 E. The bearing of this line is therefore S.88°54'W., and the proportionate distance for each mile is 80.76' chs. I return and adjust a temp. point for the standard cor. of secs. 5, 6, 31 and 32.

Resurvey of Subdivision of T.20 S., R.7 E.

chains	From the temp. point for the Standard cor. of secs. 5,6, 31 and 32 on the S. bdy. of the tp., North, on a retracement line bet. secs. 31 and 32.
40.00	No trace of the $\frac{1}{4}$ sec. cor. can be found.
80.00	No trace of the cor. of secs. 29,30,31 and 32 can be found. Set temp. cor.
	I continue my line North, with continuous measurement.
120.00	No trace of the $\frac{1}{4}$ sec. cor. bet. secs. 29 and 30 can be found.
166.26	Fall 4.16 chs. east of the cor. of secs. 19,20,29 and 30 hereinafter described. I return and adjust the temp. cor. of secs. 29,30,31 and 32 to its proper proportional meridional position.
	----- From the cor. of secs. 25,30,31 and 36 on the W. bdy. of the tp., described in the field notes of the survey of T.20 S., R.6 E.
	East, on a retracement line bet. secs. 30 and 31.
40.40	No trace of the $\frac{1}{4}$ sec. cor. can be found.
80.40	No trace of the cor. of secs. 29,30,31 and 32 can be found. Set temp. cor.
	From the temp cor. just set, I continue my retracement line east making searches at the proper record distances for $\frac{1}{4}$ sec. and sec. cors. but fail to find any cor. until, at,
483.16	Fall 11.16 chs. S. of the cor. of secs. 25,30,31 and 36 on the E. bdy. of the tp. which is a limestone, 8 x 10 x 10 ins. above ground, firmly set, marked with 1 notch on S. and 5 notches on N. edge; no accessories to cor.
	I return and adjust the temp cor. of secs. 29,30,31 and 32 to its proper proportional latitudinal position, which point is 3.13 chs. S. and 2.33 chs. E. of the temp. adjusted point on the meridional line.
	I restore the cor. of secs. 29,30,31 and 32, 3.13 chs. N. of the temp. point on the adjusted latitudinal line

Resurvey of Subdivision of T. 20 S., R. 7 E.

chains	as follows:
	Set an iron post, 3 ft. long, 2 ins. in dia., 28 ins. in the ground for cor. of secs. 29, 30, 31 and 32, with brass cap marked
	T20S R7E S30 S29 ----- S31 S32
	1921
ed one	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
on bluf	The bearing of the line bet. secs. 30 and 31 is $S.86^{\circ}28'W$. and the distance is 80.92 chs.
line N.E.	The bearing of the line bet. secs. 29 and 30 is $N.3^{\circ}02'W$. and the distance is 83.24 chs.
	From the cor. of secs. 29, 30, 31 and 32.
	$S.86^{\circ}28'W$, on resurvey line bet. secs. 30 and 31.
	Over rolling clay hills sloping E. through short shade scale undergrowth.
30.00	Begin precipitous ascent over blue clay talus slope, bears $N.60^{\circ}E$. and $S.70^{\circ}W$.
✓ 40.26	Proportionate measurement. Point for $\frac{1}{2}$ sec. cor. falls on bluff where cor. cannot be set.
45.00	Top of ledge, 50 ft. high, bears $N.60^{\circ}E$. and S.
45.10	Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for witness cor. to the $\frac{1}{2}$ sec. cor., with brass cap marked
	S 30
	S 31
	1921
	Unable to find suitable material to build accessories to cor. used to mark cor. set on ground.
	Cor stands on top of ledge on E. slope, 675 ft. above sec. cor. NE. S. has E. end S. E. at right angles.
	Ascend abruptly E. slope.
49.80	Top of small ledge and brink of bench, bears NE., S. for about 5 chs. thence SE.; enter dense scrub cedar and pinon bears with bench.

Resurvey of Subdivision of T.20 S., R.7 E.

chains	
59.20	Leave bench, bears NE. and SW.; descend abruptly.
63.50	Gulch, 75 ft. deep, drains NE.; ascend abruptly.
65.50	West. brink of gulch, bears NE. and SW.; thence over broken ground.
76.00	Draw, drains NE.
80.92	The cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the tp, heretofore described.
	Land, rolling and broken clay hills and bench land; E. exposure and drainage.
	Soil, blue clay and rocky sandstone and limestone formation; subsoil, clay and rock.
	Timber, scrub cedar and pinon on western portion of mile.
	Undergrowth, shadscale. Poor grazing land.

	From the cor. of secs. 29, 30, 31 and 32.
	N. 3° 02' W., on resurvey line bet. secs. 29 and 30.
	Over rolling and broken clay hills through short shadscale undergrowth.
3.20	Small wash from draw to the W., drains E.; ascend.
9.55	Low ridge, 45 ft. above wash, bears E. and W.; descend.
20.95	Shallow draw, drains E.; ascend.
25.50	Low ridge, bears E. and W.; descend.
30.90	Draw, 75 ft. below ridge, drains E.; ascend.
34.25	Low spur, projects E.; descend.
36.25	Small draw, drains E.; ascend over low clay point.
39.25	Draw, drains E.; ascend.
41.25	Clay point, projects E.; descend.
41.62	Proportionate measurement. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for sec. cor., with brass cap marked S30 | S29 1921 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
43.00	Draw, 50 ft. deep, drains SE.

Resurvey of Subdivision of T.20 S., R.7 E.

chains	
51.85	Flat spur, 85 ft. above $\frac{1}{4}$ sec. cor., projects E.; spur is covered with scrub cedar timber. Descend.
57.25	Gulch, 80 ft. below spur, drains E.; ascend.
58.70	Sharp clay spur, projects E.; descend.
62.95	Draw, 65 ft. below spur, drains E.; ascend.
65.00	Clay spur, projects NE.; gradually descend.
83.24	The cor. of secs. 19, 20, 29 and 30 which is a sandstone, 16 x 4 x 8 ins. above ground, firmly set, marked with 5 notches on E. and 2 notches on S. edge; no accessories to cor. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground alongside old cor., marked on brass cap.
	Post marking cor. T20S R7E S19 | S20 --- S30 | S29 1921
	Dig pits, 18 x 18 x 12 ins., in each sec. 3 ft. distant.
	Land, rolling and broken clay hills; E. exposure and drainage.
	Soil, blue clay and rocky sandstone formation; subsoil, dry clay.
	Timber, a few scrub cedar.
	Undergrowth, shadscale. Fair grazing land.
	From the cor. of secs. 19, 20, 29 and 30, west, on resurvey line bet. secs. 19 and 30.
	Over rolling clay hills sloping NE. through shadscale undergrowth.
27.00	Clay spur, 95 ft. above cor., projects NW.; thence over broken ground through scattering scrub cedar timber.
30.45	Shallow draw, drains NW.
40.00	No trace of the $\frac{1}{4}$ sec. cor. can be found.
	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
	S 19 --- $\frac{1}{4}$ S 30 1921
	from which

Resurvey of Subdivision of T. 20 S., R. 7 E.

chains

A pinon, 6 ins. diam., bears N. $11\frac{1}{2}$ ° W., 84 lks.

dist., marked $\frac{1}{2}$ S 19 B T

No other tree available.

For land rating see W. $\frac{1}{2}$ of this mile.

From the cor. of secs. 19, 20, 29 and 30.

North, on resurvey line bet. secs. 19 and 20.

Over rolling land through short shadscale undergrowth.

40.83

Fall 44 lks. E. of the $\frac{1}{2}$ sec. cor. which is a sandstone, 10 x 16 x 4 ins., lying on the ground, marked $\frac{1}{2}$ on one face; no accessories to cor.

At exact position of old cor.,

Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground and bury old cor. alongside for $\frac{1}{2}$ sec. cor., with brass cap marked

S19	S20
-----	-----

1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

The bearing of this $\frac{1}{2}$ mile is N. $0^{\circ}37'$ W., and the distance is 40.83 chs.

From point 44 lks. E. of $\frac{1}{2}$ sec. cor., continue

North

81.57

Fall 50 lks. W. of the cor. of secs. 17, 18, 19 and 20, which is a greatly disintegrated sandstone, 6 x 6 x 8 ins. above ground, firmly set, marks not legible. Alongside this stone is a cedar post, 4 ins. square marked for cor. of secs. 17, 18, 19 and 20.

Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground alongside old cor. for cor. of secs. 17, 18, 19 and 20, with brass cap marked

T20S R7E

S18 | S17

1920

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

The bearing of this $\frac{1}{2}$ mile is N. $1^{\circ}19'$ E., and the distance

Survey of Subdivision of T. 30 S. D. T. L.

- chain
is 40.78 chs.
Land, rolling; slopes and drains E.
Soil, blue clay; subsoil, dry clay.
No timber.
Undergrowth, short shadscale. Fair grazing land.
-
- From the cor. of secs. 17, 18, 19 and 20.
West, on resurvey line bet. secs. 18 and 19.
Over rolling land sloping E. through shadscale undergrowth
33.00 After scattering scrub cedar and pinon timber, bears N.
and E.
40.00 No trace of the 1 sec. cor. can be found.
Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in
the ground on solid rock and 14 ins. in a mound of
stone for 1 sec. cor., with brass cap marked

S 18
+ —————
S 19
1921

from which

A pinon, 5 ins. diam., bears N.73°E., 190 lbs.
dist., marked 1 S 18 D T

A pinon, 5 ins. diam., bears S.40°W., 140 lbs.
dist., marked 2 S 19 D T

For land rating see V. 3 of this mile.

From the cor. of secs. 17, 18, 19 and 20.
North, on retrace ment line bet. secs. 17 and 18.
40.00 No trace of the 1 sec. cor. can be found.
51.61 Fall 2.66 chs. E. of the cor. of secs. 7, 8, 17 and 18
hereinafter described.
The bearing of this mile is N.1°52'W., and the proper-
tionate distance for each half mile is 40.77½ chs.
Distance from cor. of secs. 17, 18, 19 and 20.
N.1°52'W., on resurvey line bet. secs. 17 and 18.
Over gently rolling land sloping E. through short shad-
scale undergrowth.
51.80 Bank, 20 lbs. wide, 10 ft. deep, drains N.

Resurvey of Subdivision of T. 20 S., R. 7 E.

chains	
37.80	Leave valley and enter clay hills, bears E., W. about 5 chs. thence SW.; ascend.
40.77 $\frac{1}{2}$	Proportionate measurement. Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S18 S17
50.50	Base of spur, 100 ft. above top, bears S. and N.; thence over rolling E. slope at base of hills.
62.50	Begin ascent SE. slope, bears NE. and S.
69.60	Spur, 65 ft. above base, projects NE.; thence over rolling ground sloping W.
81.55	The cor. of secs. 7, 8, 17 and 18 which is a greatly disin- tegrated sandstone, 8 x 10 x 8 ins. above ground, firmly set, marked with 4 notches on S. face, marks on E. side have worn off; no accessories to cor. Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 14 ins. in a mound of stone alongside old cor., marked T 20 S | R7E S7 | S8. S18 S17 1921
	Land, gently rolling valley and clay hills; E. exposure and drainage. Soil, blue clay and rocky of sandstone formation. No timber. Undergrowth, shadscale. Fair grazing. From the cor. of secs. 7, 8, 17 and 18.

Resurvey of Subdivision of T.20 S., R.7 E.

chains	West, on resurvey line bet. secs. 7 and 18.	general
	Over rolling clay hills through short shadscale under-growth.	
32.20	Begin steep ascent E. slope of clay bluff.	
36.50	Top of bluff and enter scattering scrub cedar and pinon timber, bears N. and S.	
40.10	Fall 10 lks. S. of the $\frac{1}{2}$ sec. cor. which is a sandstone, 4 x 8 x 8 ins., firmly set in a mound of stone, marked $\frac{1}{2}$ on N. face and witnessed as described by the surveyor general.	
	Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground and 24 ins. in a mound of stone alongside old cor., with brass cap marked $\frac{1}{2}$ — S 18 B T 1921	
	A pinon, 10 ins. diam., bears N. $65^{\circ} 3'$ E., 44 lks. dist., marked $\frac{1}{2}$ S 7 B T	
	A pinon, 4 ins. diam., bears S. $53^{\circ} \frac{1}{2}'$ E., 20 lks. dist., marked $\frac{1}{2}$ S 18 B T	
	The bearing of this half mile is N. $89^{\circ} 51'$ W., and the distance is 40.10 chs.	
	From $\frac{1}{2}$ sec. cor., follow the resurvey line through broken ground on west side of sec. 18 to corner of sec. 7, with continuous measurement S. $89^{\circ} 59'$ W., with continuous measurement	
	Continue over broken ground.	
78.50	Wood road, bears N. and S.	
80.10	Fall 4 lks. N. of the cor. of secs. 7 and 18 on the W. bdy. of the tp. described in the field notes of the survey of T.20 S., R.6 E.	
	The bearing of this half mile is S. $89^{\circ} 56'$ W. and the distance is 40.00 chs.	
	Land, rolling and broken clay hills; N. exposure and drainage.	
	Soil, blue clay and rocky sandstone and limestone formation; subsoil, clay and rock.	
	Timber, scattering scrub cedar and pinon on western portion of mile.	

Resurvey of Subdivision of T.20 S., R.7 E.

chains	Undergrowth, shadscale. Fair grazing land.
40.25	From the cor. of secs. 5,6,7 and 8 hereinafter described.
	S.89°50'E., on retracement line bet. secs. 5 and 8.
40.25 $\frac{1}{2}$	No trace of the $\frac{1}{4}$ sec. cor. can be found.
80.51	No trace of the cor. of secs. 4,5,8 and 9 can be found.
	Set temp. cor.
	S.89°57'E., on retracement line bet. secs. 4 and 9.
40.03 $\frac{1}{2}$	No trace of the $\frac{1}{4}$ sec. cor. can be found.
80.07	No trace of the cor. of secs. 3,4,9 and 10 can be found.
	S.89°42'E., on retracement line bet. secs. 3 and 10
40.05	No trace of the $\frac{1}{4}$ sec. cor. can be found.
80.10	No trace of the cor. of secs. 2,3,10 and 11 can be found.
	S.89°49'E. on retracement line bet. secs. 2 and 11.
40.22 $\frac{1}{2}$	No trace of the $\frac{1}{4}$ sec. cor. can be found.
84.12	Fall 3.76 chs. S. of the cor. of secs. 1,2,11 and 12 which is a limestone, 10 x 8 x 4 ins.; firmly set in a mound of stone, marked with 5 notches on S. and 1 notch on E. edge; no accessories to cor.
	I return and adjust the temp. cor. of secs. 4,5,8 and 9 to its proper proportional latitudinal position.
	From the $\frac{1}{4}$ sec. cor. bet. secs. 8 and 9 which is a sandstone, 12 x 10 x 7 ins. buried under surface of ground, properly marked; no accessories to cor.
	North, on retracement line bet. secs. 8 and 9.
40.00	No trace of the cor. of secs. 4,5,8 and 9 can again be found. Set temp. cor.
	N.0°21'E., on retracement line bet. secs. 4 and 5.
40.00	No trace of the $\frac{1}{4}$ sec. cor. can be found.
83.03	Fall 1.69 chs. E. of the cor. of secs. 4 and 5 on the N. bdy. of the tp. hereinafter described.

O.F.
Gates

Resurvey of Subdivision of T.20 S., R.7 E.

chains	I return and adjust the temp. cor. of secs. 4,5,8 and 9 to its proper proportional meridional distance; and find that the adjusted point for this cor. on the latitudinal line bears S. 84° lks.; the true point for the restored cor. of secs. 4,5,8 and 9 is therefore at the adjusted point on the meridional line, where I Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in brass cap marked
	T20S | R7E S5 | S4 S8 | S9 1921
11.00	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. The course of the line bet. secs. 4 and 5 is N.0°33'W. and the distance is 82.19 chs.
11.00	The course of the line bet. secs. 5 and 8 is S.88°55'W. and the distance is 81.47 chs.
2.55	From cor. of secs. 4,5,8 and 9. N.0°33'W., on resurvey line bet. secs. 4 and 5.
14.55	Over rolling clay hills through short shadscale undergrowth.
40.83	Wash, 40 lks. wide, 2 ft. deep, drains SE.
	Wire fence, bears N.5°W. and S.5°E.
	Proportionate measurement.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked
	S5 | S4 1921
44.55	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Wire fence, bears E., W. about 50 lks. thence S.
60.15	Low spur, projects E.; gradually descend.
60.45	Wood road, bears E. and W.
64.00	Wash, 20 lks. wide, 2 ft. deep, in draw, drains E.
69.35	Wash, 40 lks. wide, 3 ft. deep, drains E.
71.35	Wash, 30 lks. wide, 2 ft. deep, drains E.

Resurvey of Subdivision of T.20 S., R.7 E.

chains	
76.15	Low spur, projects SE.
80.15	Old road, bears NW. and SE.
82.19	The cor. of secs. 4 and 5 on the N. bdy. of the tp., which is an iron post, 3 ins. in dia., extending 12 ins. above ground, firmly set and marked and witnessed as described by the surveyor general.
	Land, rolling clay hills; E. exposure and drainage. Soil, brown and blue clays and rocky of sandstone formation; subsoil, dry clay and rock.
	Timber, a few scattering cedar and pinon on both sides of line.
	Undergrowth, shadscale. Fair grazing.

	From the cor. of secs. 4,5,8 and 9. S.88°55'W., on resurvey line bet. secs. 5 and 8. over rolling clay hills through shadscale undergrowth.
30.20	Clay spur, projects SE.; gradually descend.
40.75	Proportionate measurement.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked S 5 1921
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
43.80	Canal, 40 lks. wide, water 4 ft. deep, course S.
61.35	Same canal, course NE.
70.00	Low spur, projects SE.; thence along general S. slope.
81.47	The cor. of secs. 5,6,7 and 8, which is a sandstone, 9x5.x 4 ins. above ground, firmly set, marked with 5 notches on S. and 5 notches on E. edge and witnessed by a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground alongside old cor., with brass cap marked

T20S | R7E

S6 | S5

S7 | S8
1921

Resurvey of Subdivision of T.20 S., R.7 E.

chains	
	Land, rolling clay hills; S. exposure and drainage.
	Soil, brown and blue clay streaked with rock of sandstone formation; subsoil, dry clay and shalerock.
	No timber.
	Undergrowth, shadscale. Fair grazing land.

	From the cor. of secs. 5, 6, 7 and 8.
	West, on resurvey line bet. secs. 6 and 7.
	Over rolling clay hills through shadscale undergrowth.
5.10	Shallow draw and wash, 15 lks. wide, 3 ft. deep, drains SE.; wash flows under flume of canal across wash about 2 chs. SE.; gradually ascend.
12.15	Begin steep ascent.
15.20	Top of ledge and edge of bench, 135 ft. above sec. cor., bears NW. and SE.; gradually descend.
24.90	Top of ledge and leave bench, bears N. and S.; descend abruptly.
32.10	Draw, 65 ft. below bench, drains SE.; thence over broken ground.
39.75	Fall 32 lks. N. of the $\frac{1}{4}$ sec. cor. which is a sandstone, 10 x 16 x 4 ins. above ground, firmly set, marked dimly $\frac{1}{4}$ on N. face and witnessed by a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground alongside old cor., with brass cap marked
	S 6 $\frac{1}{4}$ S. 7 1921
	The bearing of this half mile is S.89°32'W. and the distance is 39.75 chs.
	From point 32 lks. N. of $\frac{1}{4}$ sec. cor., continue West.
63.40	Wash, in draw, drains SE.; ascend SE. slope.
67.80	Wood road, bears NW. and SE.
73.95	Spur, 75 ft. above draw, projects SE.; descend.
79.75	Wash, 15 lks. wide, 2 ft. deep, drains S., 100 ft. below spur.

Subdivision of T.20 S., R.7 E.

15

chains	
80.21	<p>Fall 38 lks. N. of the cor. of secs. 6 and 7 on the W. bdy. of the tp. described in the field notes of the survey of T.20 S., R.6 E.</p> <p>The bearing of this half mile is S.$89^{\circ}55'W.$, and the distance is 40.46 chs.</p> <p>Land, clay hills; S.-exposure and drainage.</p> <p>Soil, brown and blue clay and rocky of sandstone formation; subsoil, dry clay and rock.</p> <p>No timber.</p> <p>Undergrowth, shadscale. Fair grazing.</p>

SUBDIVISION OF T.20 S., R.7 E.

	From the $\frac{1}{4}$ sec. cor. bet. secs. 19 and 30.
	West, on true line bet. secs. 19 and 30.
	Over mountainous land through scattering cedar and pinon timber and undergrowth of shadscale.
4.40	Wash, 15 lks. wide, 3 ft. deep, in draw, drains NE.; ascend.
7.30	Top of bench, 55 ft. above draw, bears NE. and SW.; enter heavier timber, bears with bench.
10.00	Leave bench and dense timber, bears N. and S.
14.75	Base of descent in draw, 75 ft. below bench; wash in draw which drains NE. bears 1 ch. N.; ascend.
22.00	Spur, 85 ft. above draw, projects S.; descend across head of draw draining S.
26.00	Same spur, projects NE.; descend.
30.00	Wash, 30 lks. wide, 3 ft. deep, in draw, 75 ft. below spur, drains NE.; ascend abruptly.
33.00	Ledge, 20 ft. high, bears N. and S.; continue ascent.
38.56	Intersect W. bdy. of the tp. 8.42 chs. N. $1^{\circ}16'W.$ of the true cor. point for secs. 24 and 25, T.20 S., R.6 E. heretofore described.
	At point of intersection,
	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground for cor. of secs. 19 and 30, with brass

Subdivision of T.20 S., R.7 E.

chains

cap marked

T20S

R7E

R6E | S19

S24 |

S30

1921

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

No suitable trees available.

Cor. stands in low gap in sandstone ridge, bears NE. and SW.

Land, mountainous; E. exposure and drainage.

Soil, brown and blue clay and rocky of sandstone and limestone-formation; subsoil, dry clay and rock.

Timber, scrub cedar and pinon.

Undergrowth, shadscale. Fair grazing land.

From the $\frac{1}{4}$ sec. cor. bet. secs. 18 and 19.

West, on true line bet. secs. 18 and 19.

Over rolling land sloping E. through very scattering cedar and pinon timber and shadscale undergrowth.

8.00 Leave valley, bears NE. and S.; ascend abruptly.

12.50 Top of sandstone ledge and brink of bench, 290 ft. above $\frac{1}{4}$ sec. cor., bears S., NE. about 8 chs. thence N.; thence over bench through heavier scrub timber.41.00 Intersect W. bdy. of the tp., 10.14 chs. N. $1^{\circ}16'W.$ of the cor. of secs. 13 and 24 heretofore described.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 26 ins. in the ground for cor. of secs. 18 and 19, with brass cap marked

T20S

R7E

R6E | S18

S13 |

S19

1921

from which 26 ft. 8 ins. N. 57 $\frac{1}{2}'E.$ A pinon, 7 ins. diam., bears N. 57 $\frac{1}{2}'E.$, 98 lks.

dist., marked T. 20 S. R. 7 E. S. 18 B. T.

A pinon, 10 ins. diam., bears S. 33 $\frac{3}{4}'E.$, 74 lks.

dist., marked T. 20 S. R. 7 E. S. 19 B. T.

Subdivision of T.20 S., R.7 E.

chains	Land, rolling valley and broken bench land; E. exposure and drainage.
	Soil, brown and blue clay and rocky of sandstone formation; subsoil, dry clay and rock.
	Timber, scrub cedar and pinon.
	Undergrowth, shadscale. Fair grazing.
	From the cor. of secs. 5, 6, 7 and 8.
	North, on a random line bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
83.75	Intersect N. bdy. of the tp. 17 lks. W. of the cor. of secs. 5 and 6 which is an iron post, 3 ins. in dia., extending 12 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general.
	Thence
	S. $0^{\circ}07'W.$, on true line bet. secs. 5 and 6.
	Over rolling clay hills through scattering scrub cedar and pinon timber and sagebrush and shadscale undergrowth.
4.65	Shallow draw, drains SE.
24.75	Low spur, projects E., leave timber, bears E. and W.; descend S. slope.
28.30	Draw. 55 ft. below spur, drains SE.; thence over rolling E. slope.
42.00	Low spur, projects E.; descend S. slope.
43.75	Head of small draw, drains E.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked
	S6 | S5
59.35	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Gradually ascend.
	Thence over rolling bench land, bears S. $15^{\circ}E.$ and W.
77.95	Rim of bench, bears E. and W.; descend abruptly 220 ft. to
83.75	The cor. of secs. 5, 6, 7 and 8.

Boundaries of T. 20 S., R. 7 E.

chains
Land, rolling and broken benches; general E. exposure
and drainage.
Soil, brown and blue clay and rocky of sandstone form-
ation; subsoil, dry clay and rock.
Timber, scattering scrub cedar and pinon on northern
portion of mile.
Undergrowth, shadscale and sagebrush. Fair grazing.

Latitudes, departures and closing errors.

Lines designated	True bearing	Dist- ances	Latitudes		Departures	
			N chs	S chs	E chs	W chs
W.bdy.sec. 18	S.1° 18' E.	81.44	81.42	1.85	.....	.....
W.bdy.sec.19	S.1° 18'E.	81.74	81.72	1.85	.....	.....
W.bdy.sec. 30	S.1° 18' E.	88.44	88.42	1.95	.....	.....
S.bdy.sec. 30	N.86°28'E.	80.92	4.99	80.77	.....	.....
E.bdy.sec. 30	N.3° 02' W.	83.24	83.12	.....	.....	4.41
E.bdy.sec. 19	N.0° 37' W.	40.83	40.83	.....	.....	4.44
E.bdy.sec.19	N.1°19' E.	40.75	40.74	.....	94	.....
E.bdy.sec.18	N.1°52' W.	81.55	81.51	.....	.....	2.66
N.bdy.sec.18	N.89°51'W.	40.10	40.10	.....	.....	40.10
N.bdy.sec.18	S.89°56'W.	40.00	40.05	.....	.....	40.00
Convergency	.....	.....	.....	.....	.....	0.05
			Totals. . .	251.29	251.61	87.36
					251.29	87.36
			Error in latitude	.....	52	.....
					Error in departure	.....
						.30

Error in latitude

Error in departure

Lines designated	True bearing	Dist- ances.	Latitudes		Departures	
			N. chs	S. chs	E. chs	W. chs
W.bdy. sec. 6	S. $0^{\circ}20'W.$	84.32	84.32	84.32	.....	0.49
S.bdy. sec. 6	N. $89^{\circ}55'E.$	40.46	.....	40.46	.....	.....
S.bdy. sec. 6	N. $89^{\circ}32'E.$	39.75	.....	39.75	.....	.....
S.bdy. sec. 5	N. $88^{\circ}55'E.$	81.47	1.54	.....	81.46	.....
E.bdy. sec. 5	N. $0^{\circ}33'W.$	82.18	82.19	.....	.....	0.79
N.bdy. sec. 5	West	80.00	.....	.....	.....	80.00
N.bdy. sec. 6	West	79.90	.....	.....	.....	79.90
Convergency		68.48	.....	.....	.....	.03
			84.11	84.32	161.67	161.31
			84.11	84.32	161.31	161.31
			Error in latitude	to be .21	is .46	
			Error in departure	---	---	---

84.11 161.21
Error in latitude sec 2N

Error in denature

General Description.

This fractional township is situated on an east slope at the foot of a high talus slope of the breaks of Ferron Mountain and consists chiefly of broken benches which are cut by numerous small draws and gullies.

The soil is a brown and blue clay and rocky of sandstone and limestone formation. The subsoil is a very hard, dry, friable clay and in many places bedrock is very close to the surface.

The benches are covered with a scattered growth of scrub cedar and pinon timber and also a short growth of shadscale brush.

There are no settlers living on the part of this township surveyed in this group.

I do not find any indications of mineral in the township. The land is best suited for grazing purposes.

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4-680

FIELD ASSISTANTS.

CADASTRAL ENGINEER.
CERTIFICATE OF UNITED STATES SURVEYOR

I, Howard W. Miller, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah, bearing date of the 25th day of February, 1921, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Retracement of the Fourth Standard Parallel South, through Range 7 East; and resurvey and survey of the subdivision of fractional T. 20 S., R. 7 E.

of the Salt Lake Base,
and Meridian, in the State of Utah, which are represented in
and date diagram on dates as shown on dia-
the foregoing field notes, as having been executed by me, and under my direction; and that all the corners of
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah,
and in the specific manner described in the field notes, and that the foregoing are the original field notes of
such survey.

Certified to at Salt Lake City,
Utah, April 5, 1922

Howard W. Miller
U. S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Oct. 31, 1922

The foregoing field notes of the survey of retracement of the Fourth Standard Parallel South, through Range No. 7 East; and the resurvey and survey of the subdivisional lines of fractional Township No. 20 South, Range No. 7 East of the Salt Lake Base and Meridian, Utah;

executed by Howard W. Miller

under his special instructions dated February 25, 1921, having been critically examined, and the necessary corrections and explanations made to the said field notes, and the surveys they describe, are hereby approved.

O. J. Dragoon
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in

, has been correctly copied from the original notes on file in this office.